

A4.4 SCREEN LINE SURVEY

A4.4.1 Design of Survey

a. Survey Stations

Screen line is the imaginary line that divides the Study Area in two. In consideration of characteristic difference between central and suburb districts in the Study Area, parallel line between Sihanouk Boulevard and Mao Tse Toung Boulevard was considered as the screen line. The traffic volume counts were carried out at nine (9) stations along the main radial road connecting central and suburb districts. The locations of the stations for the screen line survey are shown in Figure A4.1.2 (b).

b. Survey Item and Time Duration

Classified vehicle counting (11 transport modes, including walking) were conducted for fifteen (15) hours from 06:00 in the morning to 21:00 in the evening at all stations. The data from this survey would be used for verifying the results of traffic demand estimation from the output of the person-trip survey.

A4.4.2 Survey Output

Table A4.4.2 and Figure A4.4.1 shows the brief summary of the screen line survey carried out on May 24 (Wednesday), 2000. However, the data of the survey station along the Kampuchea Krom Blvd (SL-14) might show the biased figures, due to renovation works during the implementation period of the traffic surveys. Thus, the data of the survey stations along Confederation de la Russie Blvd (SL-04) and Street No.182 (SL-13), which are running parallel with Kampuchea Krom Blvd, would be combined with SL-14's data to conduct further analysis.

The total number of vehicles crossing the screen line in daytime 12-hours (06:00~18:00) was counted 514,958 units (in-bound: 262,950 & out-bound: 252,008), of which 397,778 units (77.2%) were motorbikes.

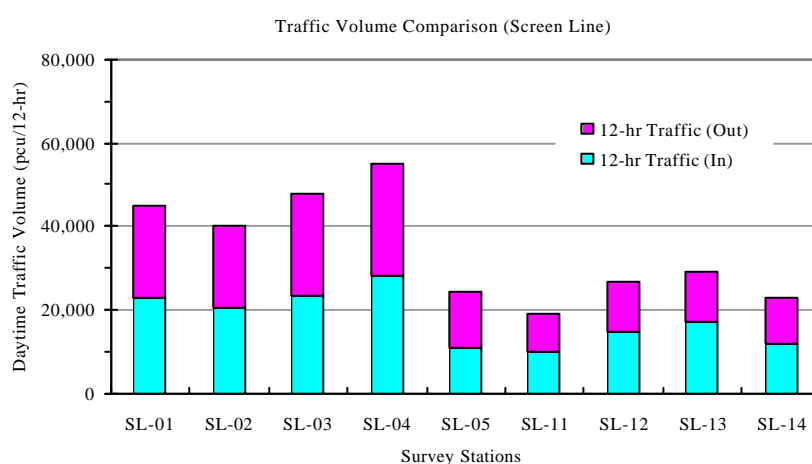


Figure 4.4.1 Daytime Traffic Volumes at Screen Line Survey Stations

The largest traffic volume was counted along Confederation de la Russie Blvd (SL-04) with a total count of 90,382 (in-bound: 46,330 & out-bound: 44,052), of which 69,315 units (76.7%) were motorbikes, followed by a total count of 77,088 (in-bound: 37,228 & out-bound: 39,860) along the Monireth Boulevard (SL-03), of which 57,781 units (75.0%) were also motorbikes. On the other hand, the lowest traffic volume was counted along the Sothearos Road (SL-11) with a total count of 34,805 (in-bound: 18,948 & out-bound: 15,857), of which 30,105 units (86.5%) was also motorbikes.

The share of ‘Passenger Car’ was ranged from 4.7% at Sothearos (SL-11) to 20.7% at Norodom (SL-01) with an average share of 12.8%. On the other hand, the share of ‘Motorbike (including Motorbike Taxi)’ was ranged from 73.6% at Norodom (SL-01) to 86.5% at Sothearos (SL-11) with an average share of 77.2% (see Figure A4.4.1).

Table A4.4.1 Sectional Summary of 15/12-Hr. Ratio & Peak Hr. Ratio of Screen Line Stations

Stations	Daytime Traffic	15/12 hr. Ratio	15 hr. Traffic	Peak Ratio (%)	Peak hr. Traffic	Peak Hour
SL-01	45,081	1.17	52,522	0.13	6,063	06:45~07:45
SL-02	40,086	1.15	45,910	0.12	4,848	07:00~08:00
SL-03	47,551	1.14	54,204	0.14	6,466	16:45~17:45
SL-04	55,045	1.13	62,409	0.13	7,092	06:45~07:45
SL-05	24,211	1.13	27,271	0.12	2,984	06:15~07:15
SL-11	19,037	1.10	20,848	0.15	2,762	06:15~07:15
SL-12	26,597	1.10	29,190	0.13	3,337	16:45~17:45
SL-13	28,986	1.14	33,088	0.13	3,675	07:00~08:00
SL-14	22,722	1.15	26,197	0.13	2,842	06:45~07:45
Average	34,368	1.14	39,073	0.13	4,452	---

Traffic Unit: Passenger Car Units (PCU's)

Table A4.4.1 shows sectional average ratio of 15-hrs total traffic to daytime traffic (15/12-hrs ratio) and peak hour's ratio to daytime traffic at each station in passenger car units (pcu's). 15/12-hrs ratios were ranged from 1.10 at Sothearos (SL-11) and Street 169 (SL-12) to 1.17 at Norodom (SL-01) with an average ratio of 1.14. Peak hour's ratios were also ranged from 0.12 at Monivong Blvd (SL-02) and National Road No.5 (SL-05) to 0.14 at Sothearos Road (SL-11) with an average ratio of 0.13. Peak hours were observed either in the morning between 6:15 and 08:00 or in the evening between 16:45 and 17:45.

Figure A4.4.2 shows directional hourly fluctuation of traffic flow by type of vehicles. On in-bound side, steep peak flow of motorcycles occurred around 07:00~08:00 in the morning and continued flat flow until 14:00 with a small off-peak around 12:00~13:00. Another peak was also observed again around 17:00~18:00 after off-peak around 15:00~16:00. On out-bound side, three steep peak flows of motorcycles were observed. One of them was in the morning around 07:00~08:00, then around 11:00~12:00, and the steepest was occurred around 17:00~18:00. Within the other type of vehicles, only light vehicles showed similar kind of fluctuations, although those peaks and off-peaks were not so sharp.

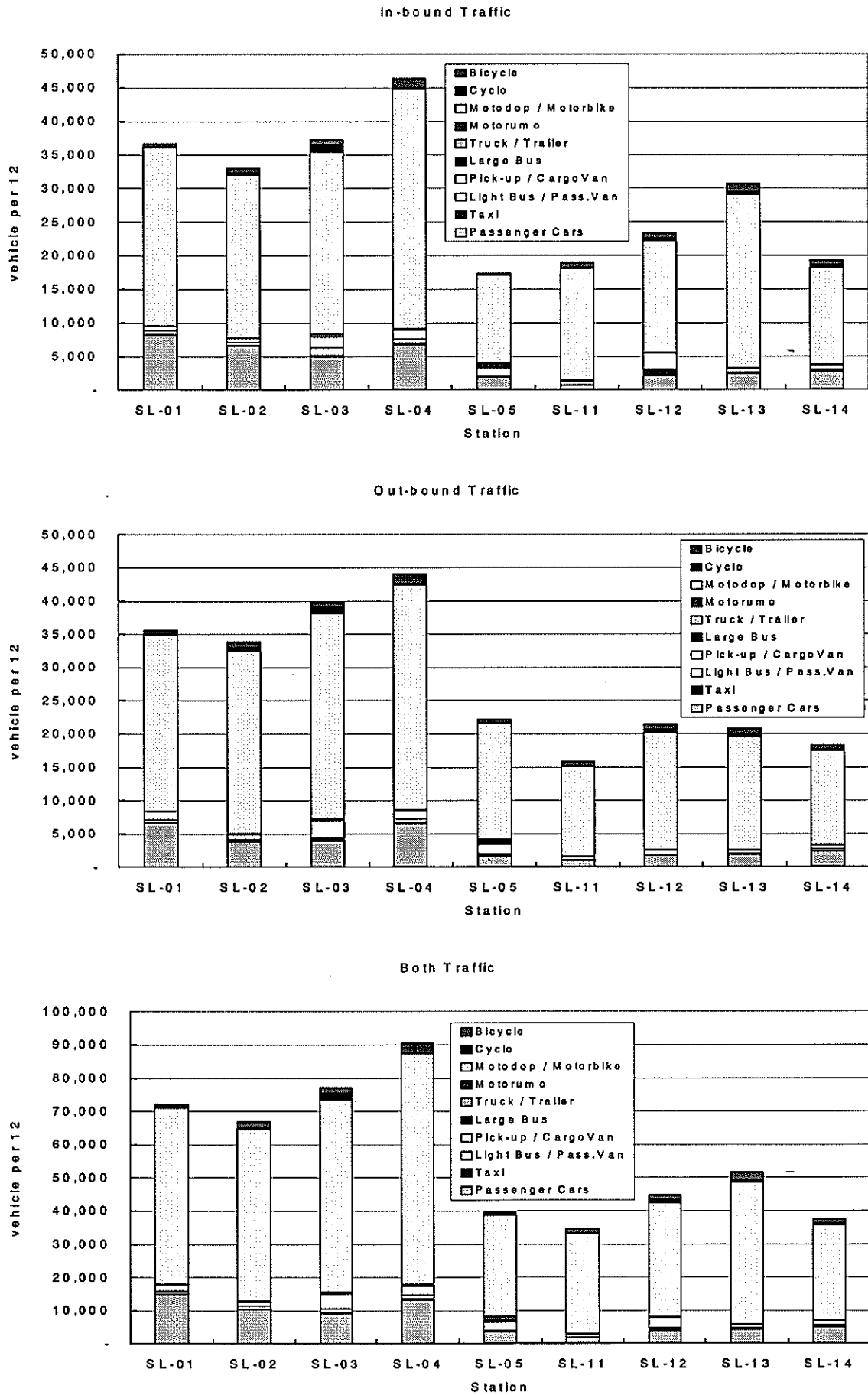


Figure A4.4.1 Vehicle Type Share & Directional Volume of Screen Line Survey Stations

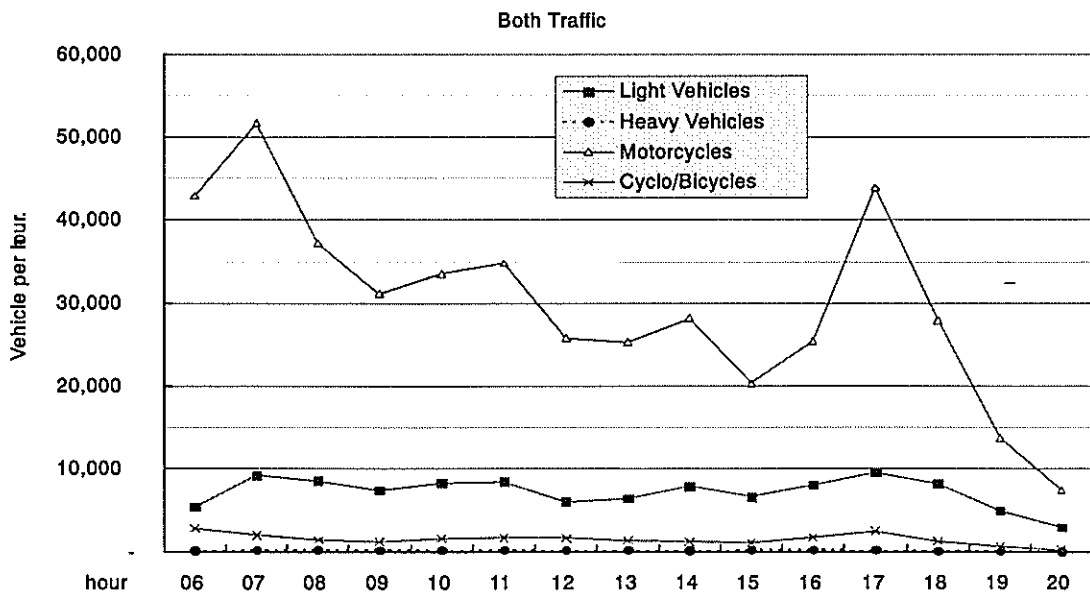
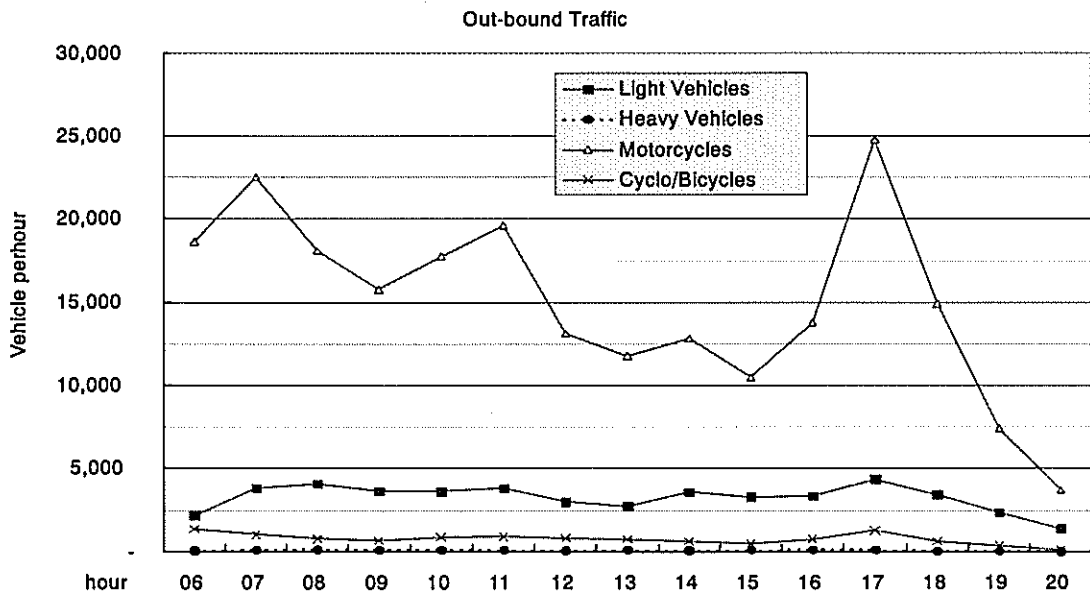
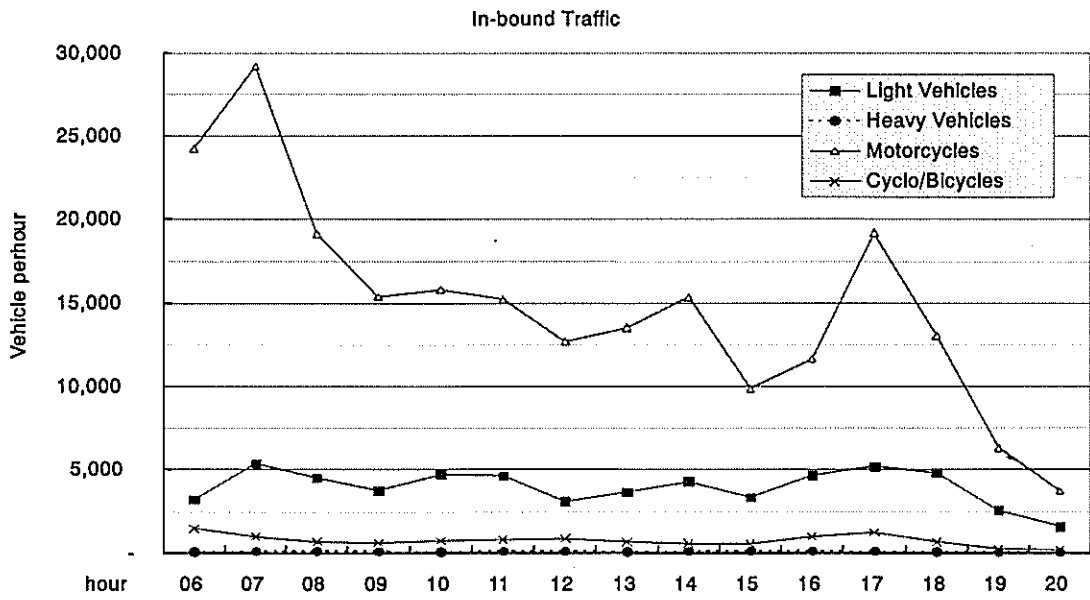


Figure A4.4.2 Hourly Fluctuation of Screen Line Survey Stations

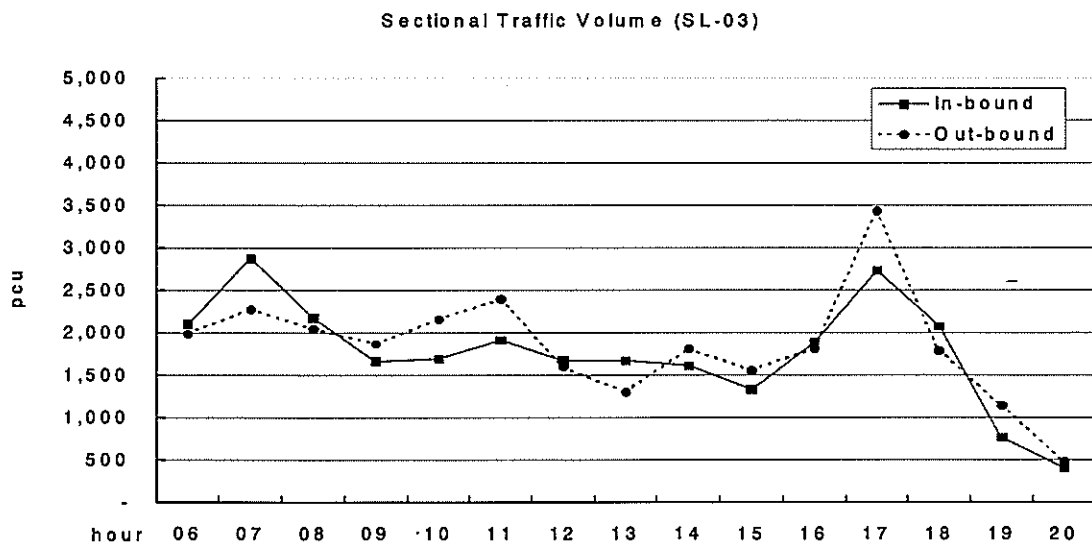
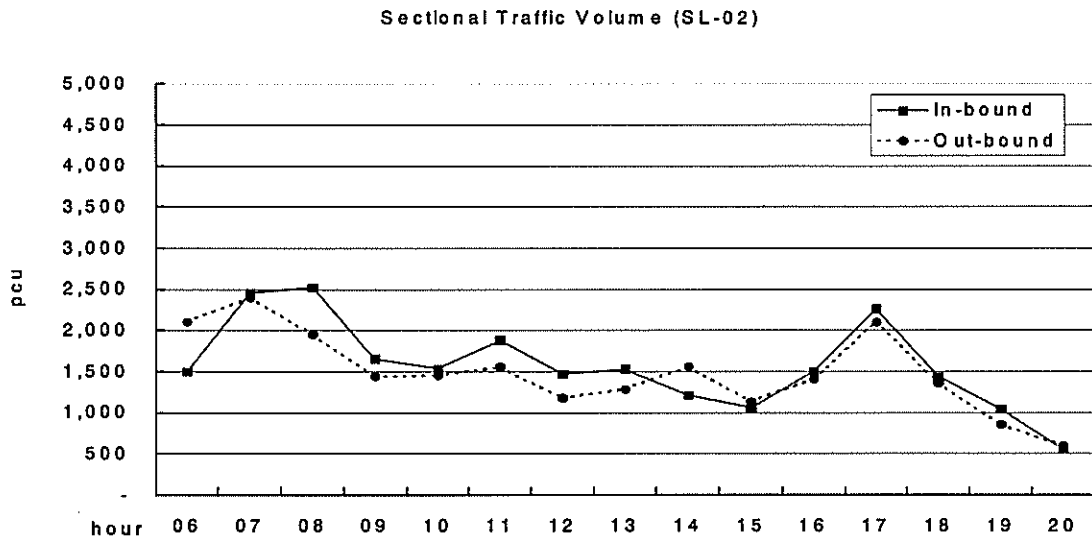
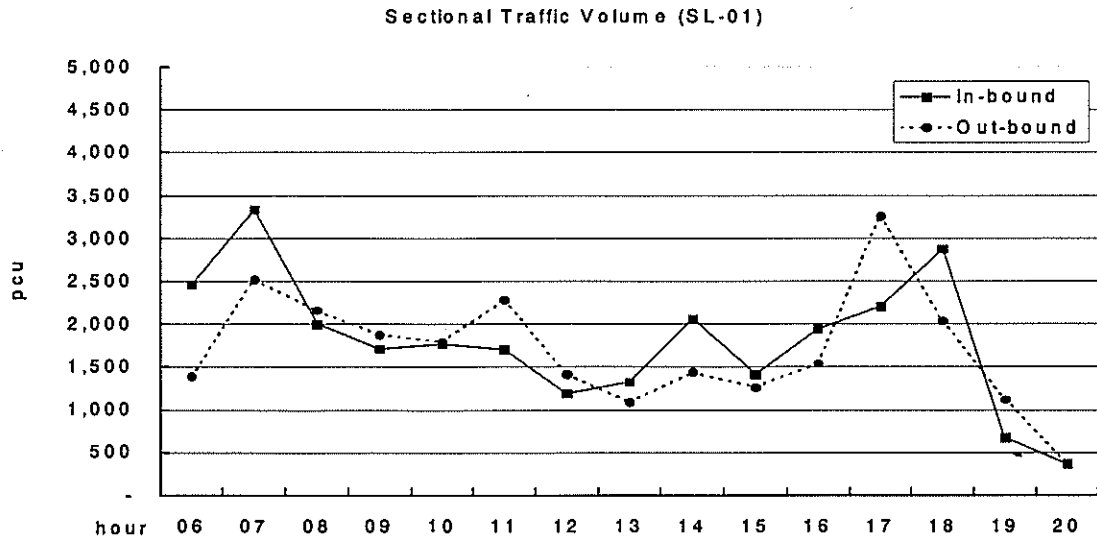
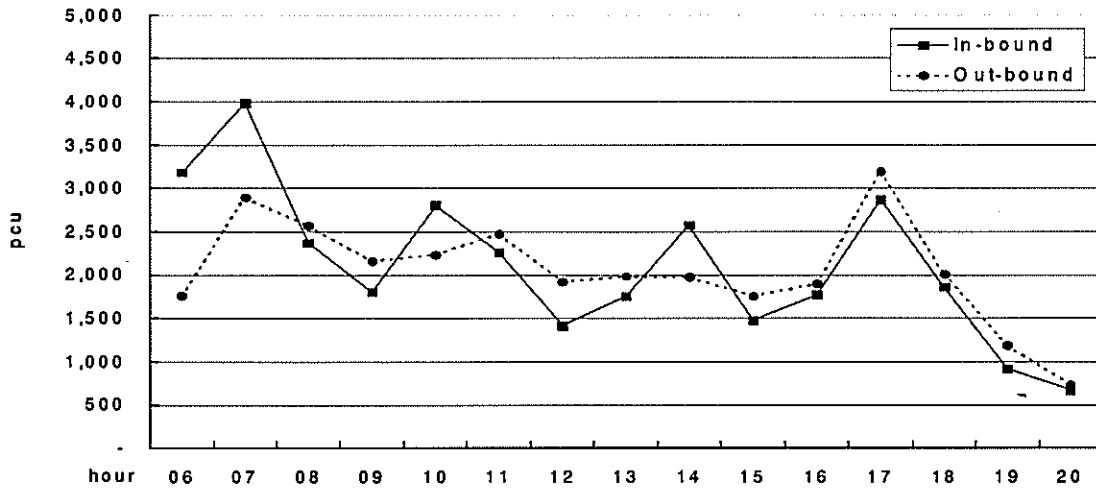
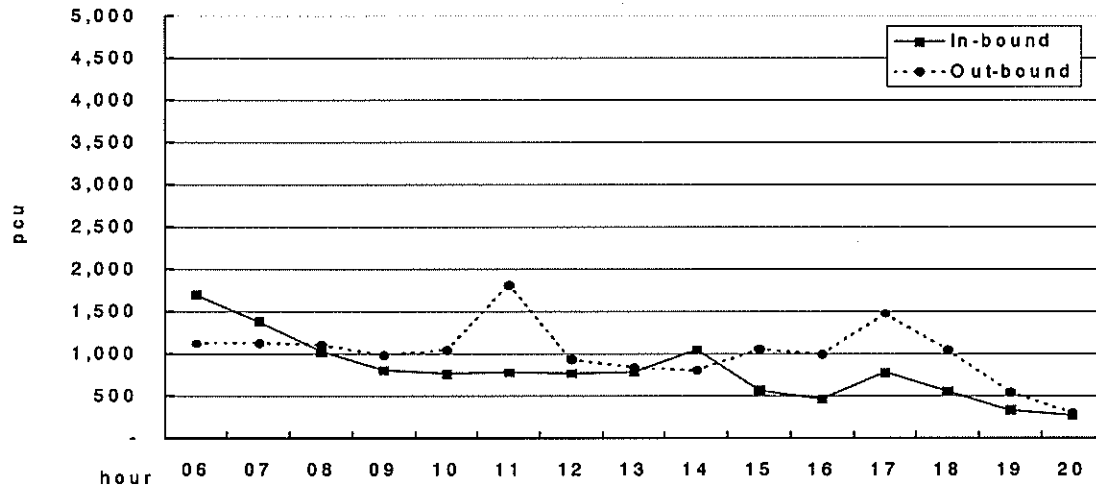


Figure A4.4.3 (a) Directional & Hourly Fluctuation of Screen Line Survey Stations (1)

Sectional Traffic Volume (SL-04)



Sectional Traffic Volume (SL-05)



Sectional Traffic Volume (SL-11)

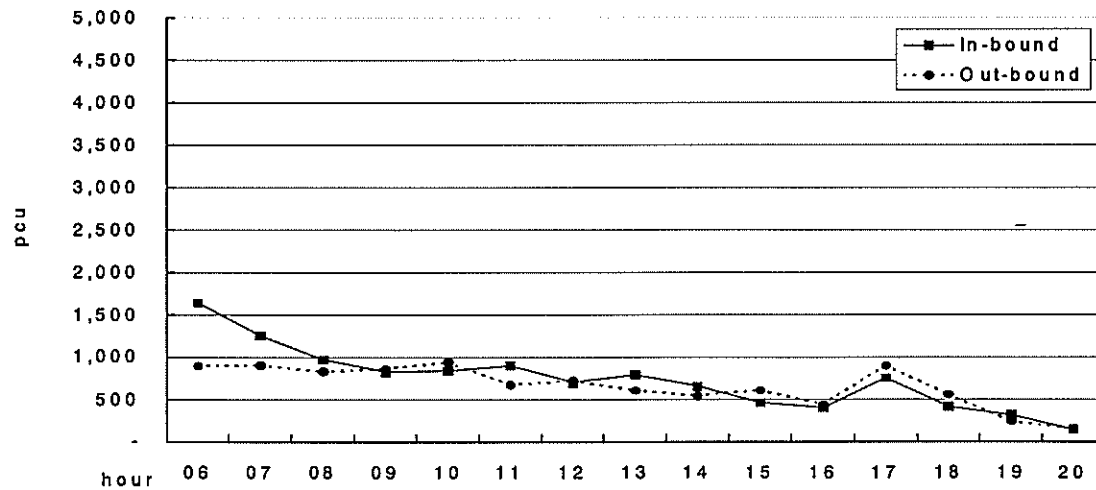


Figure A4.4.3 (b) Directional & Hourly Fluctuation of Screen Line Survey Stations (2)

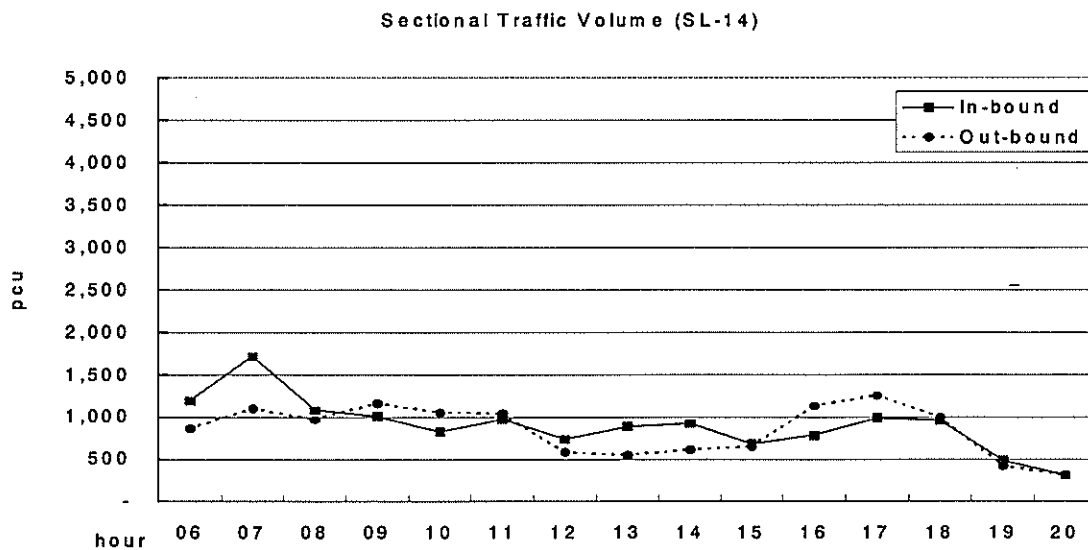
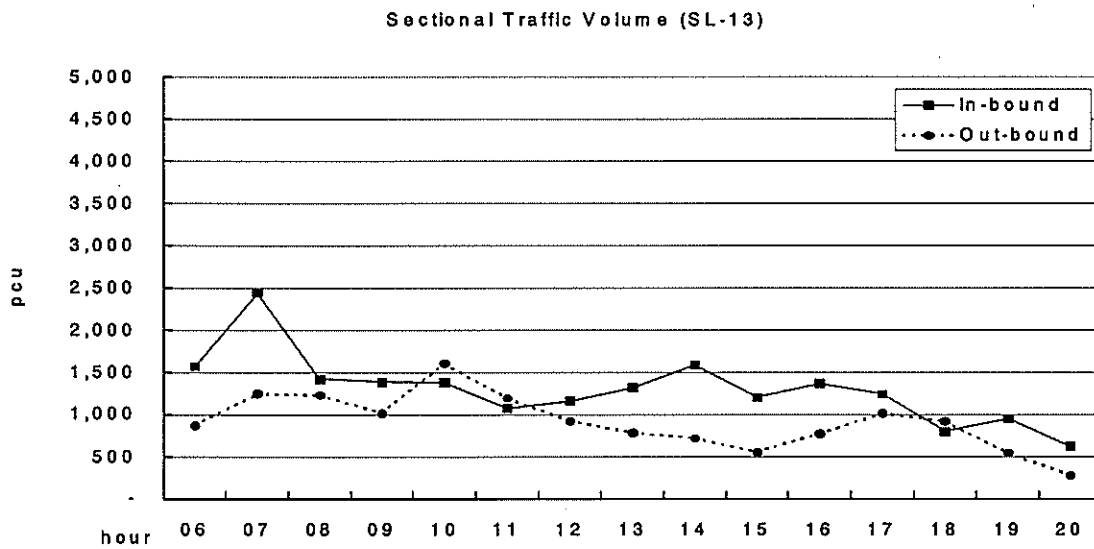
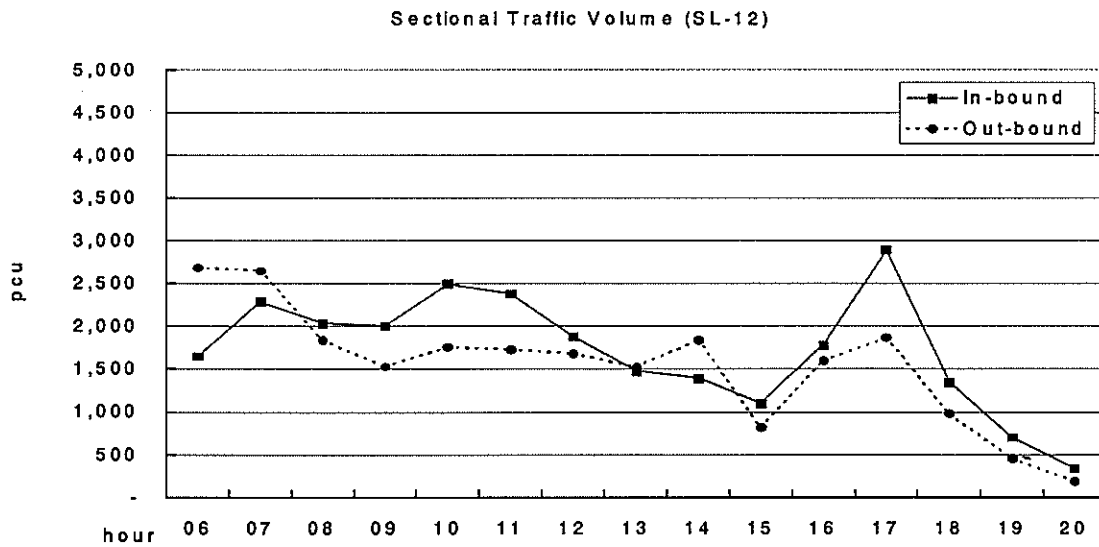


Figure A4.4.3 (c) Directional & Hourly Fluctuation of Screen Line Survey Stations (3)

Table A4.4.2 Summary of Screen Line Survey Results

Station No.	Location	Direction	Item	unit	Vehicle Type										Total
					1. Passenger Cars	2. Taxi	3. Light Bus / Pass. Van	4. Pick-up / Cargo Van	5. Large Bus	6. Truck / Trailer	7. Motorumo	8. Motodop / Motorbike	9. Cyclo	0. Bicycle	
SL-01	Norodom (St. #41)	In-bound	12 hrs Traffic	vehicle	8,253	14	561	654	4	6	17	26,587	94	460	36,650
			Share by Vehicle Type (%)	(22.5)	(0.0)	(1.5)	(1.8)	(0.0)	(0.0)	(72.5)	(0.3)	(1.3)	(100.0)		
			15/12 Ratio	-	1.27	1.43	1.23	1.21	1.00	1.50	1.00	1.10	1.11	1.04	1.14
	Out-bound	12 hrs Traffic	vehicle	6,702	36	428	1,196	9	2	42	26,537	131	488	35,571	
		Share by Vehicle Type (%)	(18.8)	(0.1)	(1.2)	(3.4)	(0.0)	(0.0)	(74.6)	(0.4)	(1.4)	(100.0)			
		15/12 Ratio	-	1.12	1.08	1.08	1.14	1.00	1.00	1.18	1.11	1.11	1.17		
Both	12 hrs Traffic	vehicle	14,955	50	989	1,850	13	8	59	53,124	225	948	72,221		
	Share by Vehicle Type (%)	(20.7)	(0.1)	(1.4)	(2.6)	(0.0)	(0.0)	(73.6)	(0.3)	(1.3)	(100.0)				
	15/12 Ratio	-	1.21	1.18	1.16	1.17	1.00	1.38	1.00	1.14	1.11	1.08	1.16		
SL-02	Monivong (St. #93)	In-bound	12 hrs Traffic	vehicle	6,566	72	519	502	76	7	42	24,153	403	672	33,012
			Share by Vehicle Type (%)	(19.9)	(0.2)	(1.6)	(1.5)	(0.2)	(0.0)	(73.2)	(1.2)	(2.0)	(100.0)		
			15/12 Ratio	-	1.16	1.07	1.18	1.17	1.00	1.00	1.14	1.31	1.14	1.15	
	Out-bound	12 hrs Traffic	vehicle	3,826	22	322	689	40	34	125	27,466	434	900	33,858	
		Share by Vehicle Type (%)	(11.3)	(0.1)	(1.0)	(2.0)	(0.1)	(0.1)	(81.1)	(1.3)	(2.7)	(100.0)			
		15/12 Ratio	-	1.21	1.05	1.19	1.23	1.05	1.00	1.02	1.12	1.11	1.10	1.13	
Both	12 hrs Traffic	vehicle	10,392	94	841	1,191	116	41	167	51,619	837	1,572	66,870		
	Share by Vehicle Type (%)	(15.5)	(0.1)	(1.3)	(1.8)	(0.2)	(0.1)	(77.2)	(1.3)	(2.4)	(100.0)				
	15/12 Ratio	-	1.18	1.06	1.18	1.20	1.02	1.00	1.02	1.13	1.21	1.12	1.14		
SL-03	Monireth (St. #217)	In-bound	12 hrs Traffic	vehicle	4,994	146	1,133	1,660	22	273	136	27,076	1,093	695	37,228
			Share by Vehicle Type (%)	(13.4)	(0.4)	(3.0)	(4.5)	(0.1)	(0.7)	(72.7)	(2.9)	(1.9)	(100.0)		
			15/12 Ratio	-	1.27	1.43	1.23	1.21	1.00	1.50	1.00	1.10	1.11	1.04	1.14
	Out-bound	12 hrs Traffic	vehicle	4,001	290	125	2,544	200	129	79	30,705	983	804	39,860	
		Share by Vehicle Type (%)	(10.0)	(0.7)	(0.3)	(6.4)	(0.5)	(0.3)	(77.0)	(2.5)	(2.0)	(100.0)			
		15/12 Ratio	-	1.19	1.09	1.24	1.21	1.01	1.15	1.04	1.12	1.00	1.18	1.13	
Both	12 hrs Traffic	vehicle	8,995	436	1,258	4,204	222	402	215	57,781	2,076	1,499	77,088		
	Share by Vehicle Type (%)	(11.7)	(0.6)	(1.6)	(5.5)	(0.3)	(0.5)	(75.0)	(2.7)	(1.9)	(100.0)				
	15/12 Ratio	-	1.17	1.11	1.14	1.20	1.04	1.17	1.03	1.13	1.04	1.14	1.13		
SL-04	Confederation de la Russie (St. #110)	In-bound	12 hrs Traffic	vehicle	6,710	274	625	1,298	26	225	67	35,582	132	1,391	46,330
			Share by Vehicle Type (%)	(14.5)	(0.6)	(1.3)	(2.8)	(0.1)	(0.5)	(76.8)	(0.3)	(3.0)	(100.0)		
			15/12 Ratio	-	1.14	1.05	1.12	1.13	1.08	1.11	1.06	1.12	1.12	1.10	1.12
	Out-bound	12 hrs Traffic	vehicle	6,435	248	584	1,129	25	203	59	33,733	191	1,445	44,052	
		Share by Vehicle Type (%)	(14.6)	(0.6)	(1.3)	(2.6)	(0.1)	(0.5)	(76.6)	(0.4)	(3.3)	(100.0)			
		15/12 Ratio	-	1.19	1.10	1.13	1.15	1.28	1.05	1.05	1.13	1.15	1.16	1.14	
Both	12 hrs Traffic	vehicle	13,145	522	1,209	2,427	51	428	126	69,315	323	2,836	90,382		
	Share by Vehicle Type (%)	(14.5)	(0.6)	(1.3)	(2.7)	(0.1)	(0.5)	(76.7)	(0.4)	(3.1)	(100.0)				
	15/12 Ratio	-	1.16	1.07	1.12	1.14	1.18	1.08	1.06	1.13	1.14	1.13	1.13		
SL-05	National Road No.5	In-bound	12 hrs Traffic	vehicle	1,863	10	228	1,139	18	198	620	12,964	82	255	17,377
			Share by Vehicle Type (%)	(10.7)	(0.1)	(1.3)	(6.6)	(0.1)	(1.1)	(3.6)	(74.6)	(0.5)	(1.5)	(100.0)	
			15/12 Ratio	-	1.16	1.30	1.13	1.29	1.28	1.07	1.03	1.07	1.00	1.03	1.09
	Out-bound	12 hrs Traffic	vehicle	1,683	39	269	1,385	31	172	653	17,414	39	487	22,172	
		Share by Vehicle Type (%)	(7.6)	(0.2)	(1.2)	(6.2)	(0.1)	(0.8)	(2.9)	(78.5)	(0.2)	(2.2)	(100.0)		
		15/12 Ratio	-	1.17	1.00	1.13	1.12	1.13	1.08	1.15	1.13	1.06	1.14		
Both	12 hrs Traffic	vehicle	3,546	49	497	2,524	49	370	1,273	30,378	121	742	39,549		
	Share by Vehicle Type (%)	(9.0)	(0.1)	(1.3)	(6.4)	(0.1)	(0.9)	(3.2)	(76.8)	(0.3)	(1.9)	(100.0)			
	15/12 Ratio	-	1.17	1.06	1.13	1.20	1.18	1.10	1.05	1.11	1.04	1.05	1.12		
SL-11	Sothearos (St. #3)	In-bound	12 hrs Traffic	vehicle	688	7	95	411	2	32	134	16,664	109	806	18,948
			Share by Vehicle Type (%)	(3.6)	(0.0)	(0.5)	(2.2)	(0.0)	(0.2)	(0.7)	(87.9)	(0.6)	(4.3)	(100.0)	
			15/12 Ratio	-	1.20	1.00	1.09	1.11	1.50	1.00	1.04	1.08	1.12	1.04	1.08
	Out-bound	12 hrs Traffic	vehicle	942	8	79	429	13	75	84	13,441	117	669	15,857	
		Share by Vehicle Type (%)	(5.9)	(0.1)	(0.5)	(2.7)	(0.1)	(0.5)	(84.8)	(0.7)	(4.2)	(100.0)			
		15/12 Ratio	-	1.15	1.00	1.08	1.09	1.15	1.01	1.05	1.10	1.13	1.08	1.11	
Both	12 hrs Traffic	vehicle	1,630	15	174	840	15	107	218	30,105	226	1,475	34,805		
	Share by Vehicle Type (%)	(4.7)	(0.0)	(0.5)	(2.4)	(0.0)	(0.3)	(86.5)	(0.6)	(4.2)	(100.0)				
	15/12 Ratio	-	1.17	1.00	1.09	1.10	1.20	1.01	1.05	1.09	1.12	1.05	1.09		
SL-12	St. #163	In-bound	12 hrs Traffic	vehicle	2,121	843	51	2,335	12	46	71	16,741	409	756	23,385
			Share by Vehicle Type (%)	(9.1)	(3.6)	(0.2)	(10.0)	(0.1)	(0.2)	(0.3)	(71.6)	(1.7)	(3.2)	(100.0)	
			15/12 Ratio	-	1.15	1.11	1.10	1.14	1.00	1.00	1.11	1.09	1.25	1.08	1.10
	Out-bound	12 hrs Traffic	vehicle	1,743	15	2	714	12	16	82	17,506	619	820	21,529	
		Share by Vehicle Type (%)	(8.1)	(0.1)	(0.0)	(3.3)	(0.1)	(0.1)	(0.4)	(81.3)	(2.9)	(3.8)	(100.0)		
		15/12 Ratio	-	1.19	1.07	1.50	1.11	1.00	1.19	1.05	1.06	1.04	1.08	1.08	
Both	12 hrs Traffic	vehicle	3,864	858	53	3,049	24	62	153	34,247	1,028	1,576	44,914		
	Share by Vehicle Type (%)	(8.6)	(1.9)	(0.1)	(6.8)	(0.1)	(0.1)	(0.3)	(76.3)	(2.3)	(3.5)	(100.0)			
	15/12 Ratio	-	1.17	1.11	1.11	1.14	1.00	1.05	1.08	1.07	1.12	1.08	1.09		
SL-13	St. #182	In-bound	12 hrs Traffic	vehicle	2,306	77	172	580	9	58	93	25,774	394	1,282	30,745
			Share by Vehicle Type (%)	(7.5)	(0.3)	(0.6)	(1.9)	(0.0)	(0.2)	(0.3)	(83.8)	(1.3)	(4.2)	(100.0)	
			15/12 Ratio	-	1.16	1.13	1.17	1.15	1.22	1.12	1.02	1.14	1.09	1.09	1.14
	Out-bound	12 hrs Traffic	vehicle	1,823	40	213	404	6	79	53	16,882	478	874	20,852	
		Share by Vehicle Type (%)	(8.7)	(0.2)	(1.0)	(1.9)	(0.0)	(0.4)	(0.3)	(81.0)	(2.3)	(4.2)	(100.0)		
		15/12 Ratio	-	1.18	1.13	1.12	1.13	1.33	1.05	1.02	1.14	1.12	1.15	1.14	
Both	12 hrs Traffic	vehicle	4,129	117	385	984	15	137	146	42,656	872	2,156	51,597		
	Share by Vehicle Type (%)	(8.0)	(0.2)	(0.7)	(1.9)	(0.0)	(0.3)	(0.3)	(82.7)	(1.7)	(4.2)	(100.0)			
	15/12 Ratio	-	1.17	1.13	1.14	1.14	1.27	1.08	1.02	1.14	1.11	1.12	1.14		
SL-14	Kampuchea Krom (St. #128)	In-bound	12 hrs Traffic	vehicle	2,696	61	264	608	1	131	29	14,388	431	666	19,275
			Share by Vehicle Type (%)	(14.0)	(0.3)	(1.4)	(3.2)	(0.0)	(0.7)	(0.2)	(74.6)	(2.2)	(3.5)	(100.0)	
			15/12 Ratio	-	1.21	1.21	1.17	1.16	2.00	1.09	1.00	1.13	1.05	1.14	1.14
	Out-bound	12 hrs Traffic	vehicle	2,331	55	275	597	3	70	5	14,165	253	503	18,257	
		Share by Vehicle Type (%)	(12.8)	(0.3)	(1.5)	(3.3)	(0.0)	(0.4)	(0.0)	(77.6)	(1.4)	(2.8)	(100.0)		
		15/12 Ratio	-	1.26	1.16	1.23	1.14	1.00	1.00	1.00	1.13	1.08	1.14	1.15	
Both	12 hrs Traffic	vehicle	5,027	116	539	1,205	4	201	34	28,553	684	1,169	37,532		
	Share by Vehicle Type (%)	(13.4)	(0.3)	(1.4)	(3.2)	(0.0)	(0.5)	(0.1)	(76.1)	(1.8)	(3.1)	(100.0)			
	15/12 Ratio	-	1.23	1.19	1.20	1.15	1.25	1.06	1.00	1.13	1.06	1.14	1.14		
Screen Line	Total	In-bound	12 hrs Traffic	vehicle	36,197	1,504	3,648	9,187	170	976	1,209	199,929	3,147	6,983	262,950
			Share by Vehicle Type (%)	(13.8)	(0.6)	(1.4)	(3.5)	(0.1)	(0.4)	(0.5)	(76.0)	(1.2)	(2.7)	(100.0)	
			15/12 Ratio	-	1.18	1.11	1.15	1.17	1.10	1.11	1.03	1.12	1.13	1.09	1.13
	Out-bound	12 hrs Traffic	vehicle	29,486	753	2,297	9,087	339	780	1,182	197,849	3,245	6,990	252,008	
		Share by Vehicle Type (%)	(11.7)	(0.3)	(0.9)	(3.6)	(0.1)	(0.3)	(0.5)	(78.5)	(1.3)	(2.8)	(100.0)		
		15/12 Ratio	-	1.18	1.09	1.15	1.16	1.06	1.08	1.06	1.13	1.07	1.12	1.14	
Both	12 hrs Traffic	vehicle	65,683	2,257	5,945	18,274	509	1,756	2,391	397,778	6,392	13,973	514,958		
	Share by Vehicle Type (%)	(12.8)	(0.4)	(1.2)	(3.5)	(0.1)	(0.3)	(0.5)	(77.2)	(1.2)	(2.7)	(100.0)			
	15/12 Ratio	-	1.18	1.11	1.15	1.17	1.07	1.10							

A4.5 ROADSIDE TRAFFIC VOLUME COUNT

A4.5.1 Design of Survey

a. Survey Stations

Roadside traffic volume count was carried out to cover the other sections of the major roads where were not covered by the screen line surveys or following intersection traffic volume surveys in the central districts of the Study Area. Thirty-three (33) stations in total were selected in consideration of similar kind of surveys conducted by the World Bank in 1995 to compare the data of traffic flow. Locations of the stations for the roadside traffic volume count are shown in Figure A4.1.2 (b).

b. Survey Item and Time Duration

Classified vehicle counting (11 transport modes, including walking) was conducted for twenty-four (24) hours from 06:00 in the morning to 06:00 in the morning of the following day at fifteen (15) stations where high night traffic volume was expected. In-addition, fifteen (15) hours surveys from 06:00 in the morning to 21:00 in the evening were also carried out at seventeen (17) stations where low night traffic volumes were expected.

A4.5.2 Survey Output

Figure A4.5.1 and A4.5.2 or Table A4.5.1 and A4.5.2 shows the brief summary of the roadside traffic volume survey carried out on May 23 (Tuesday) and May 25 (Thursday) of 2000.

The largest daytime traffic volume was observed at eastbound lane of the Mao Tse Toung Blvd between Monivong Blvd and Street No.163 (RS-31) with a total count of 74,778 units, of which 62,139 units (83.1%) were motorbikes. It was followed by a total count of 69,958 units at eastbound lane of the Sihanouk Blvd between Monivong Blvd and Street No.163 (RS-62), of which 56,810 units (81.2%) were also motorbikes. On the other direction, the largest traffic volume was observed at westbound lane of the Confederation de la Russie Blvd between R.S.Tcheco-Slovaquie Blvd and Jawaharlal Nerhu Blvd (RS-14) with a total count of 65,493, of which 53,834 units (82.2%) was motorbikes. It was followed by a total count of 65,414 at westbound lane of the Sihanouk Blvd between Street No.163 and Monireth Blvd (RS-22), of which 52,851 units (80.8%) was also motorbikes.

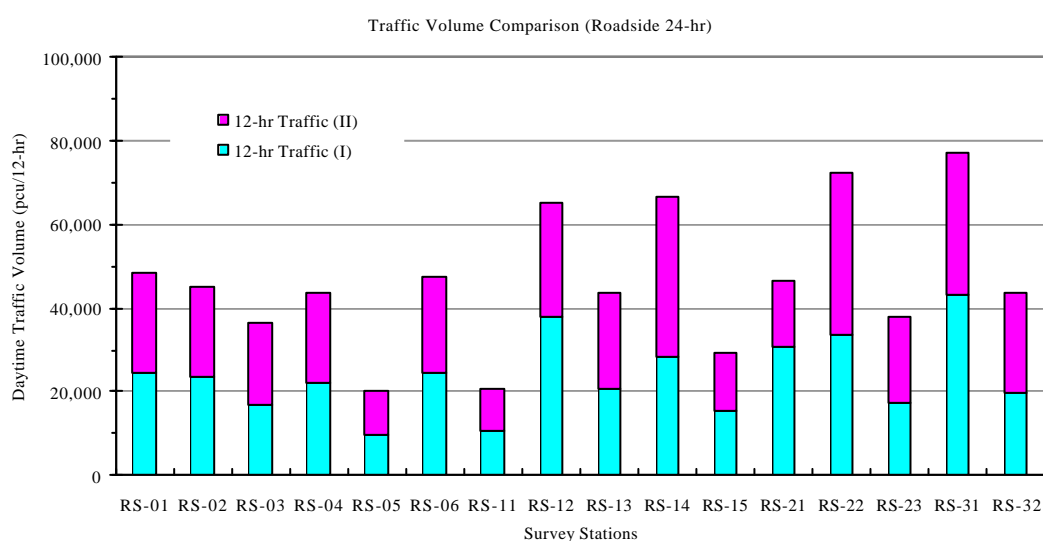


Figure 4.5.1 Daytime Traffic Volume at 24-hr Roadside Traffic Volume Count Stations

In general, sectional shares of passenger car were ranged from 3.6% at Inner Ring Road between Monivong Blvd and Street No.163 (RS-91) to 16.1% at Confederation de la Russie Blvd between R.S.Tcheco-Slovaquie Blvd and Jawaharlal Nerhu Blvd (RS-14). However, share of passenger car along Norodom Blvd between Confederation de la Russie Blvd and Sihanouk Blvd indicated roughly 50~70% as the result of embargo on motorbikes to this section.

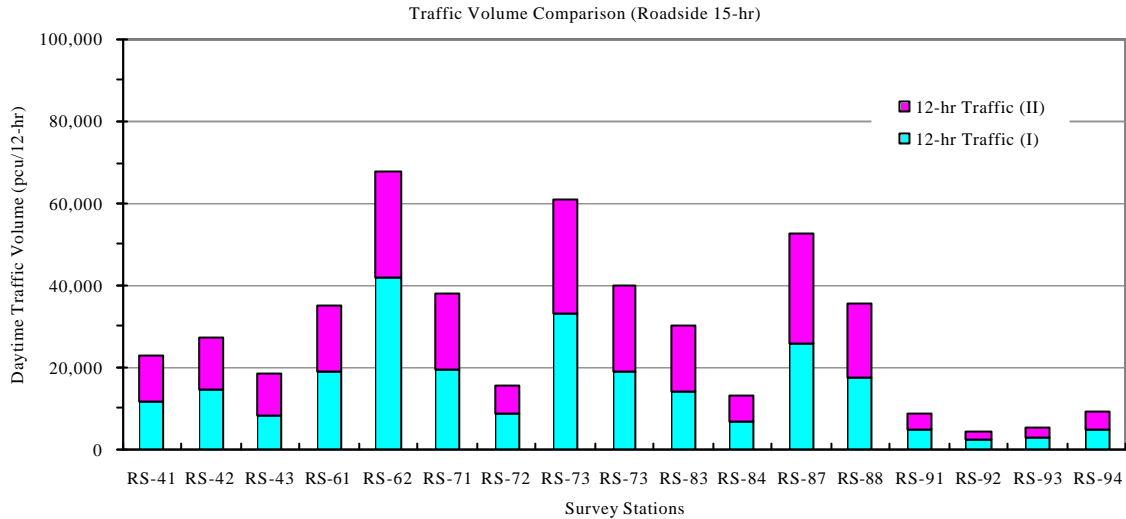


Figure 4.5.2 Daytime Traffic Volume at 15-hr Roadside Traffic Volume Count Stations

Table A4.5.2 (a) and (b) shows sectional ratio of 24-hrs or 15-hrs total traffic to daytime traffic (24/12-hrs or 15/12-hrs ratio) and peak hour ratio to daytime traffic of each station in passenger car units (pcu's).

Table A4.5.1 Sectional Summary of 24/12-hr. Ratio & Peak Hr. Ratio at 24-hr Stations

24-hr. Stations	Daytime 12-hr. Traffic	24/12-hr. Ratio	24-hr. Traffic	Peak Hour Ratio	Peak Hour Traffic	Peak Hour
RS-01	48,572	1.17	56,843	0.14	6,559	07:30~08:30
RS-02	44,976	1.20	53,940	0.11	4,979	16:45~17:45
RS-03	36,553	1.30	47,415	0.13	4,837	06:15~07:15
RS-04	43,732	1.21	53,000	0.12	5,395	06:30~07:30
RS-05	20,332	1.25	25,414	0.12	2,489	07:30~08:30
RS-06	47,582	1.29	61,454	0.12	5,645	06:30~07:30
RS-11	20,668	1.19	24,648	0.12	2,500	09:30~10:30
RS-12	65,000	1.30	84,722	0.13	8,587	06:45~07:45
RS-13	43,864	1.19	52,120	0.10	4,496	06:30~07:30
RS-14	66,799	1.24	82,917	0.11	7,179	14:00~15:00
RS-15	29,390	1.21	35,425	0.13	3,336	16:30~17:30
RS-21	46,770	1.30	60,771	0.11	5,008	10:45~11:45
RS-22	72,341	1.19	85,899	0.14	9,982	07:00~08:00
RS-23	37,705	1.23	46,216	0.11	4,166	06:30~07:30
RS-31	77,219	1.21	93,053	0.13	9,752	16:45~17:45
RS-32	43,744	1.27	55,493	0.10	4,559	06:45~07:45
Average	46,578	1.23	57,460	0.12	5,592	---

Traffic Unit: Passenger Car Units (PCU's)

Table A4.5.2 Sectional Summary of 15/12-hr. Ratio & Peak Hour Ratio at 15-hr Stations

15-hrs Stations	Daytime 12-hr. Traffic	15/12-hr. Ratio	15-hr. Traffic	Peak Hour Ratio	Peak Hour Traffic	Peak Hour
RS-41	22,658	1.24	28,202	0.14	3,203	17:15~18:15
RS-42	27,576	1.13	31,229	0.12	3,357	06:45~07:45
RS-43	18,586	1.13	21,015	0.11	2,136	17:00~18:00
RS-61	34,900	1.27	44,286	0.12	4,157	18:30~19:30
RS-62	67,709	1.18	79,608	0.14	9,502	16:45~17:45
RS-71	38,020	1.16	43,957	0.10	3,851	08:30~09:30
RS-72	15,744	1.19	18,686	0.14	2,171	11:00~12:00
RS-73	61,130	1.13	68,814	0.12	7,139	06:45~07:45
RS-83	39,818	1.24	49,254	0.12	4,798	16:45~17:45
RS-84	30,431	1.14	34,737	0.13	3,843	06:30~07:30
RS-87	13,040	1.15	14,963	0.13	1,739	06:15~07:15
RS-88	52,645	1.18	62,173	0.12	6,060	16:45~17:45
RS-89	35,584	1.13	40,130	0.13	4,629	16:45~17:45
RS-91	8,844	1.12	9,864	0.12	1,065	06:15~07:15
RS-92	4,510	1.10	4,949	0.12	526	06:00~07:00
RS-93	5,561	1.14	6,354	0.11	592	16:15~17:15
RS-94	9,334	1.13	10,573	0.14	1,317	06:15~07:15
Average	28,594	1.17	33,459	0.12	3,534	---

Traffic Unit: Passenger Car Units (PCU's)

24/12-hour ratios were ranged from 1.17 at Norodom Blvd (RS-01) to 1.30 at Veng Sreng Road (RS-03), Monivong Blvd (RS-12), or Sihanouk Blvd (RS-21) with an average ratio of 1.23, and 15/12-hour ratios were ranged from 1.10 at Inner Ring Road (RS-92) to 1.27 at Sihanouk Blvd. (RS-61) with an average ratio of 1.17. In addition, peak hour ratios to daytime 12-hour traffic were ranged from 0.10 at Charles de Gaulle Blvd (RS-13), or Mao Tse Toung Blvd (RS-32 and RS-71) to 0.14 at Norodom Blvd (RS-01 and RS-41), Sihanouk Blvd (RS-22 and RS-62), Mao Tse Toung Blvd (RS-72), or Inner Ring Road (RS-94) with average ratios of 0.12. In general, sectional peak hours were observed either in the morning between 06:00 and 09:00 or in the evening between 16:00 and 18:00, except some section along Norodom Blvd (RS-11), Confederation de la Russie Blvd (RS-14), Sihanouk Blvd (RS-61) and Mao Tse Toung Blvd (RS-71 & RS-72).

Figure A4.5.1 and A4.5.2 shows directional hourly fluctuation of traffic flows in passenger car units (pcu's). The directional largest peak hour's traffic flow was observed around 07:00~08:00 with a total count of 5,805 pcu's at northwest-bound lane of Sihanouk Blvd between Street #163 and Monireth Blvd (RS-22), followed by a total count of 5,772 pcu's at east-bound lane of Mao Tse Toung Blvd between Street #163 and Monivong Blvd (RS-31) around same time. The sectional largest peak hour's traffic flow was also observed around 07:00~08:00 with a total count of 9,986 pcu's at Sihanouk Blvd between Street #163 and Monireth Blvd (RS-22), followed by a total count of 9,033 pcu's at adjacent section of Sihanouk Blvd between Monivong Blvd and Street #163 (RS-62) around 17:00~18:00.

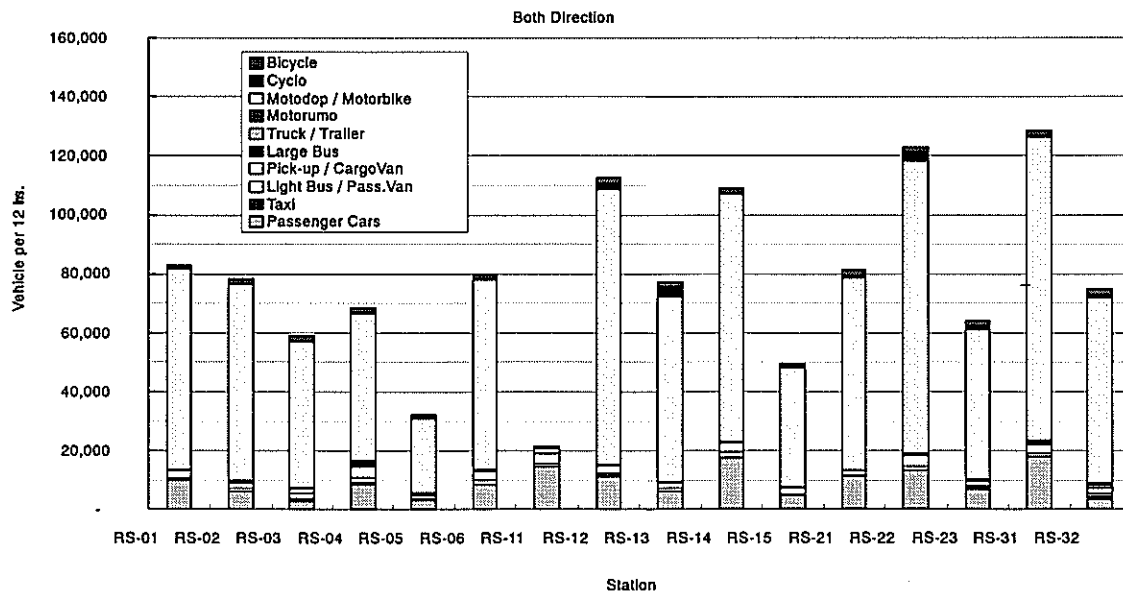
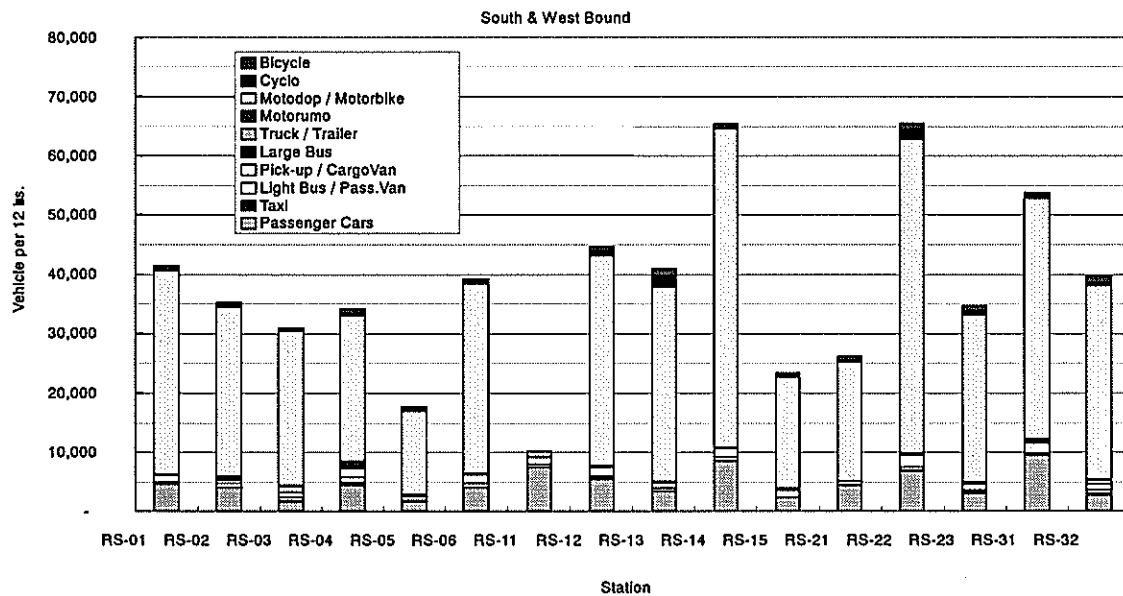
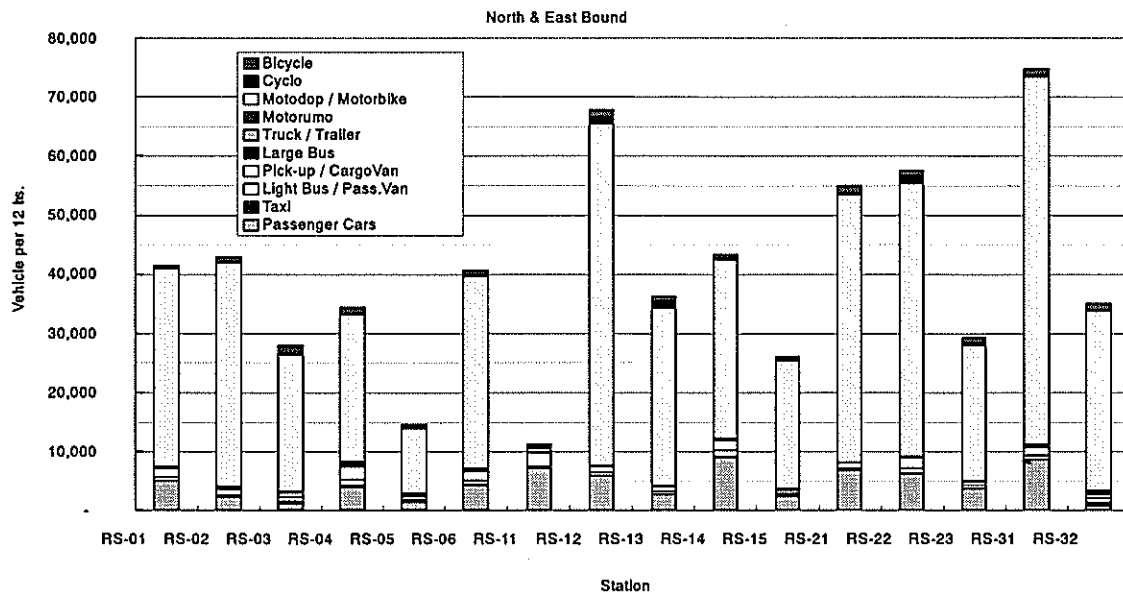


Figure A4.5.1 (a) Vehicle Type Share & Directional Volume of Roadside Traffic Survey Stations (1)

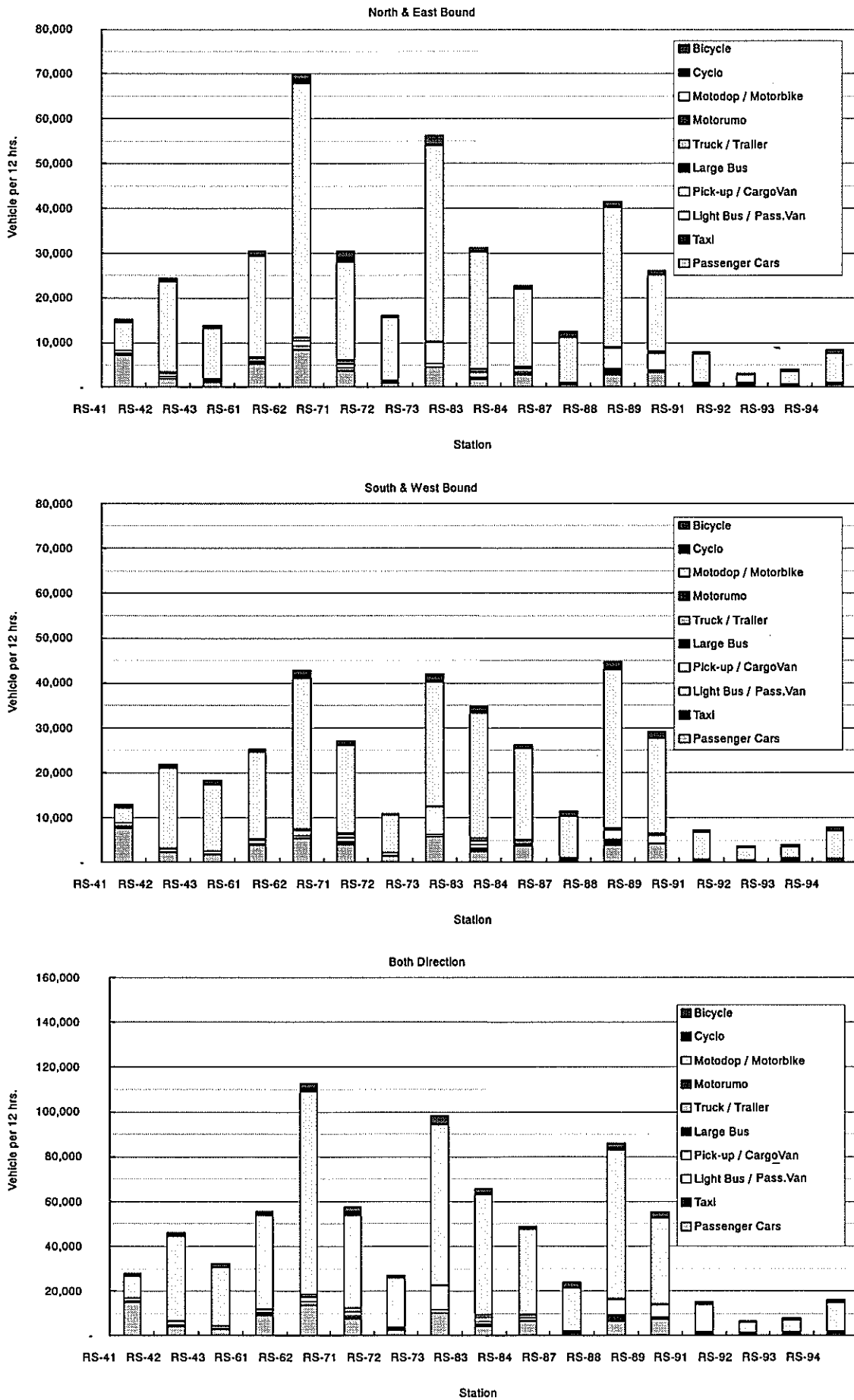


Figure A4.5.1 (b) Vehicle Type Share & Directional Volume of Roadside Traffic Survey Stations (2)

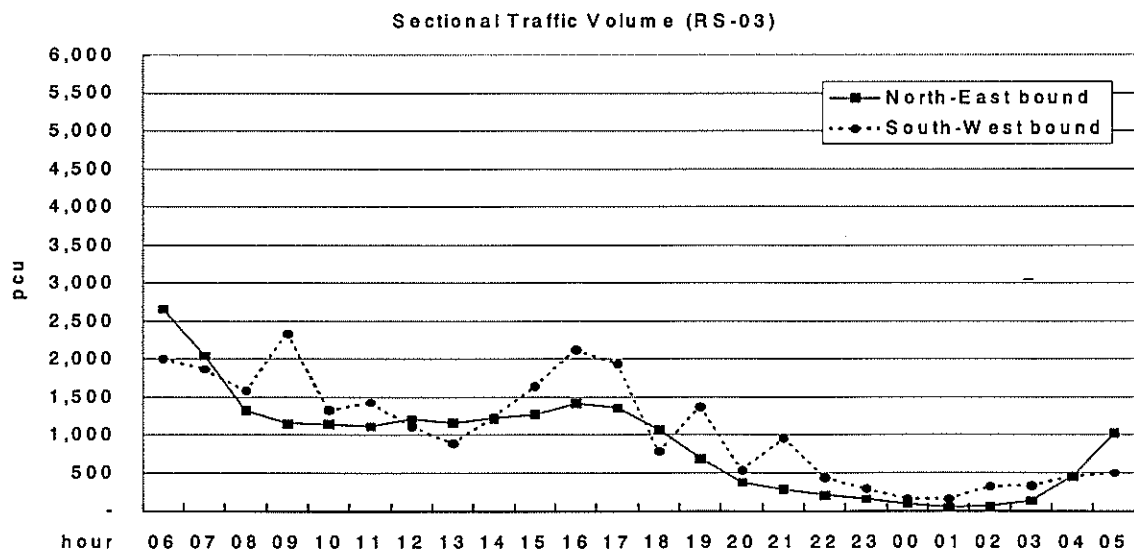
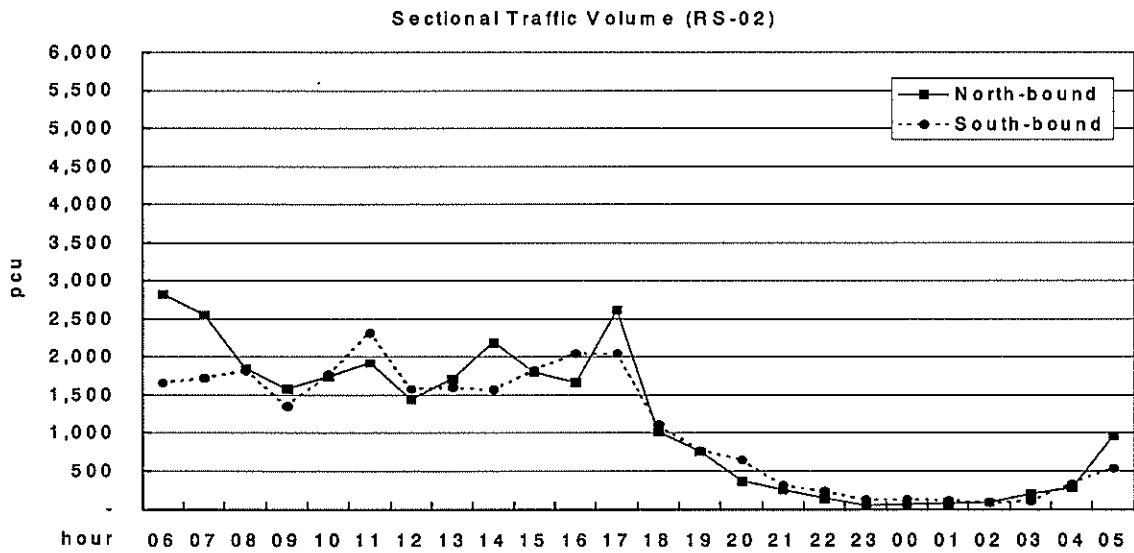
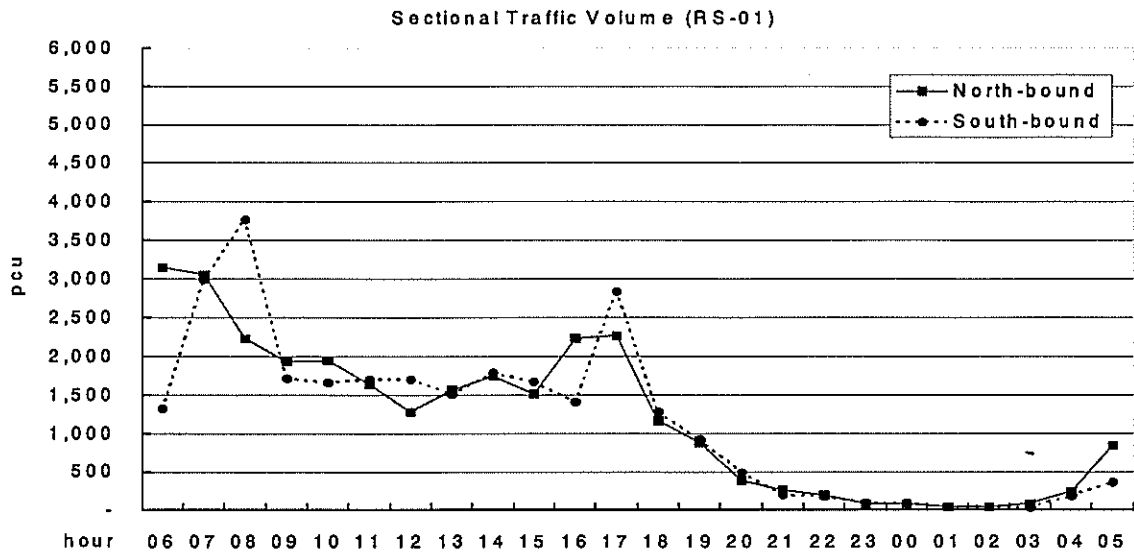


Figure A4.5.2 (a) Hourly Fluctuation of Roadside Traffic Volume Survey at 24-hrs Stations (1)

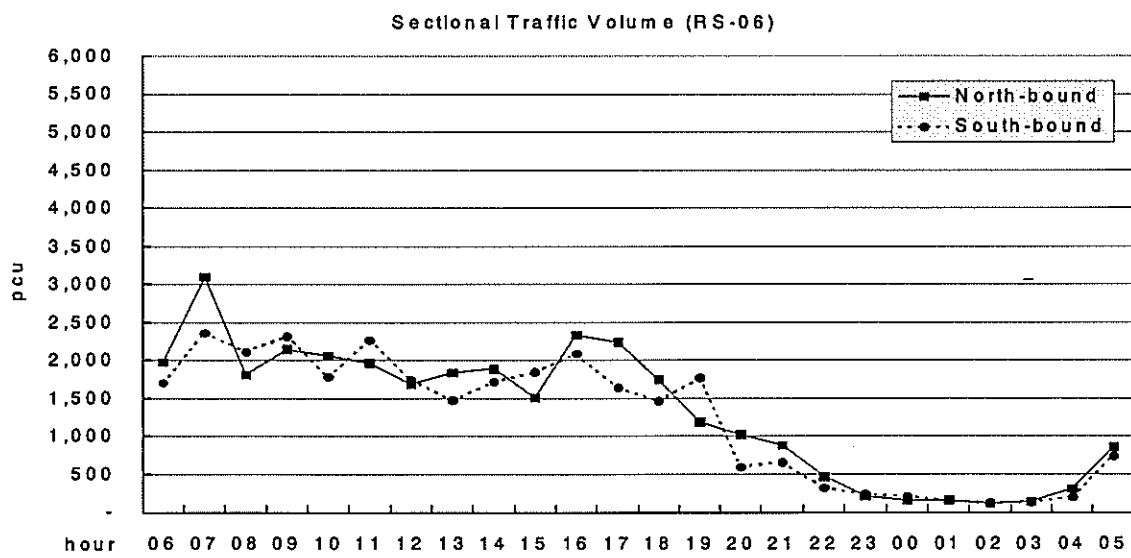
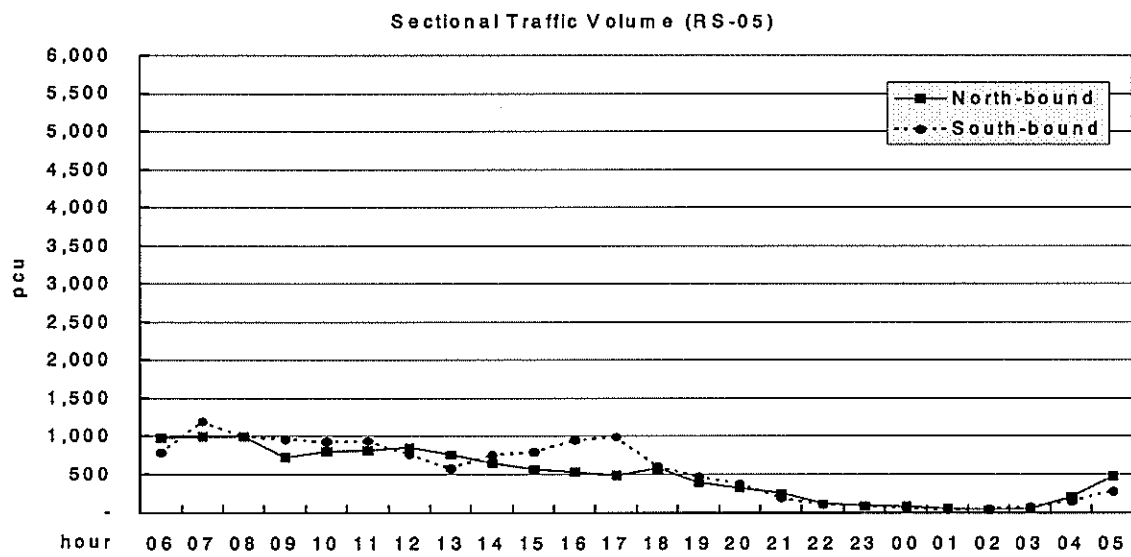
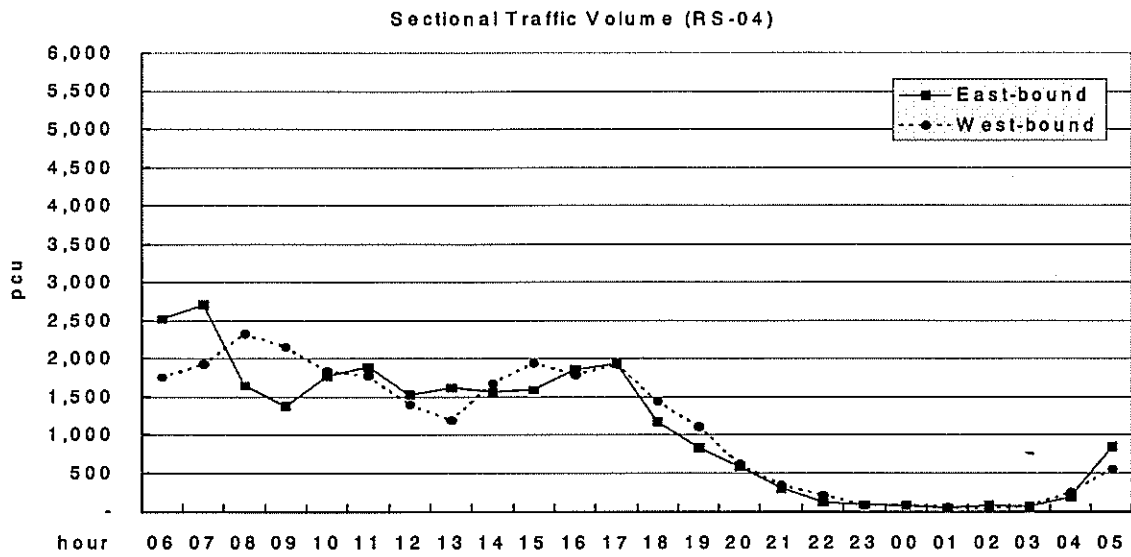


Figure A4.5.2 (a) Hourly Fluctuation of Roadside Traffic Volume Survey at 24-hrs Stations (2)

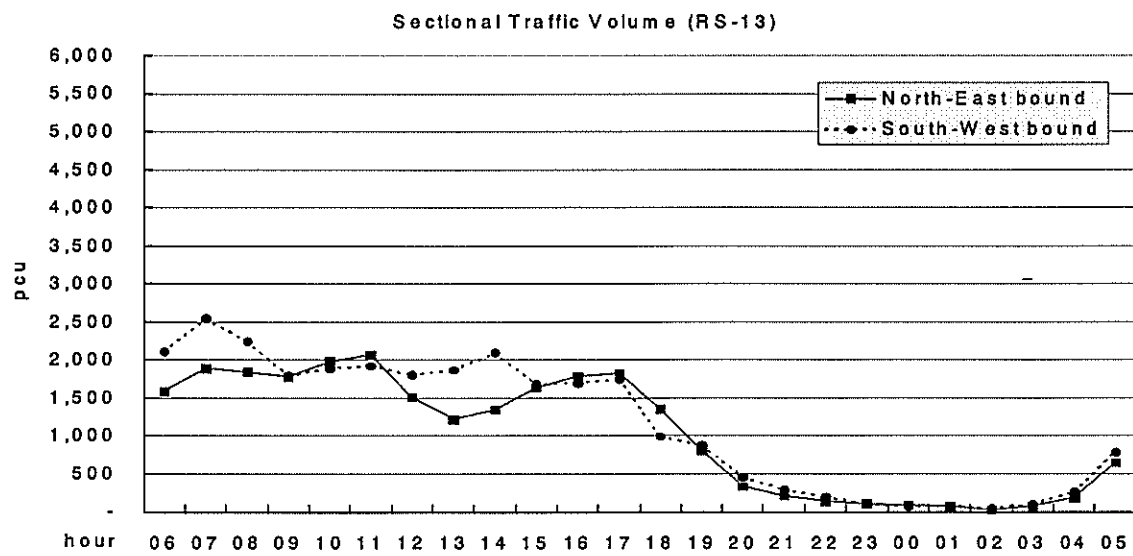
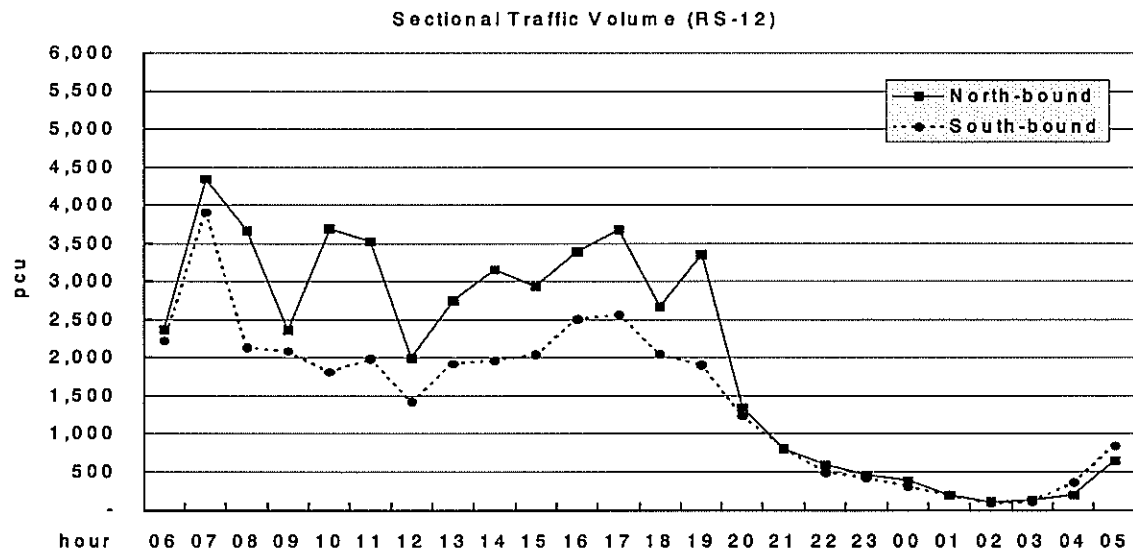
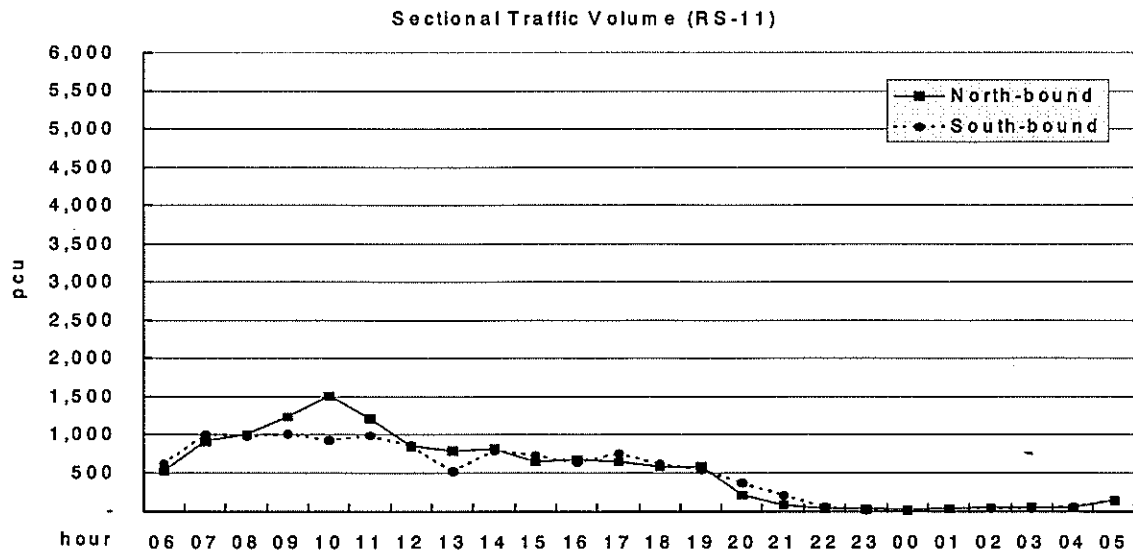


Figure A4.5.2 (a) Hourly Fluctuation of Roadside Traffic Volume Survey at 24-hrs Stations (3)

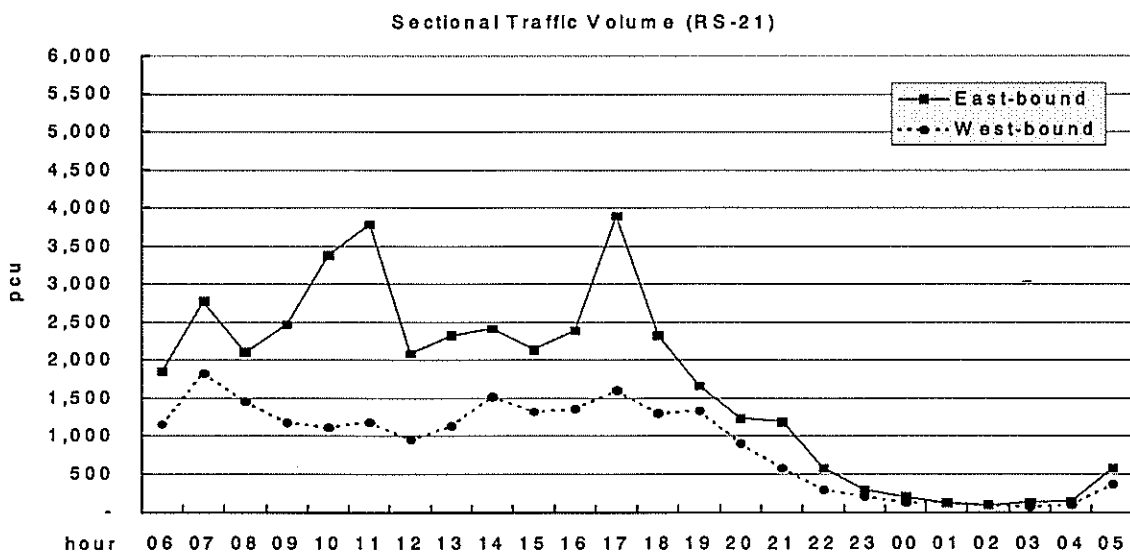
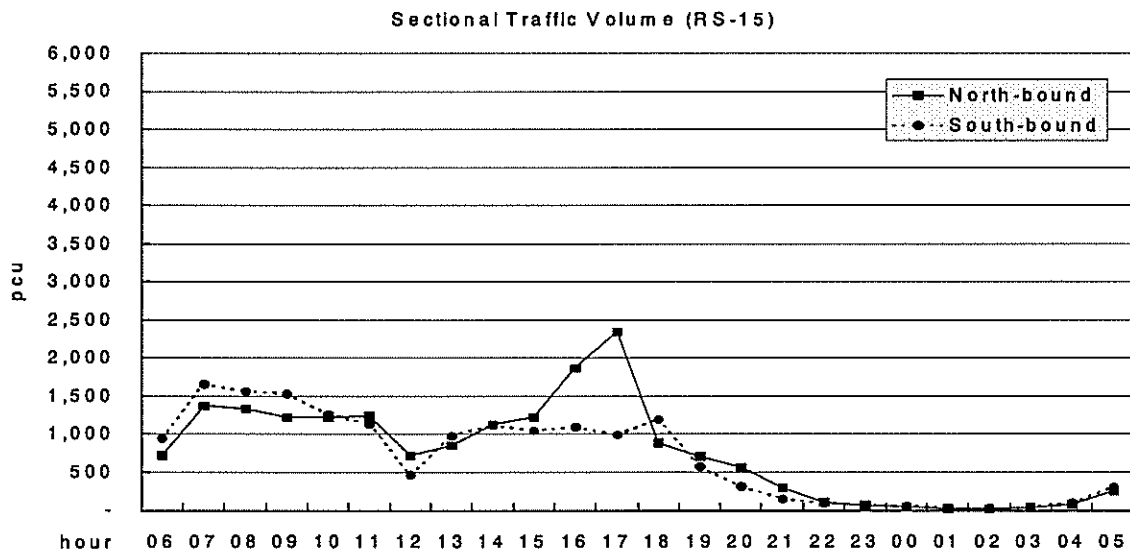
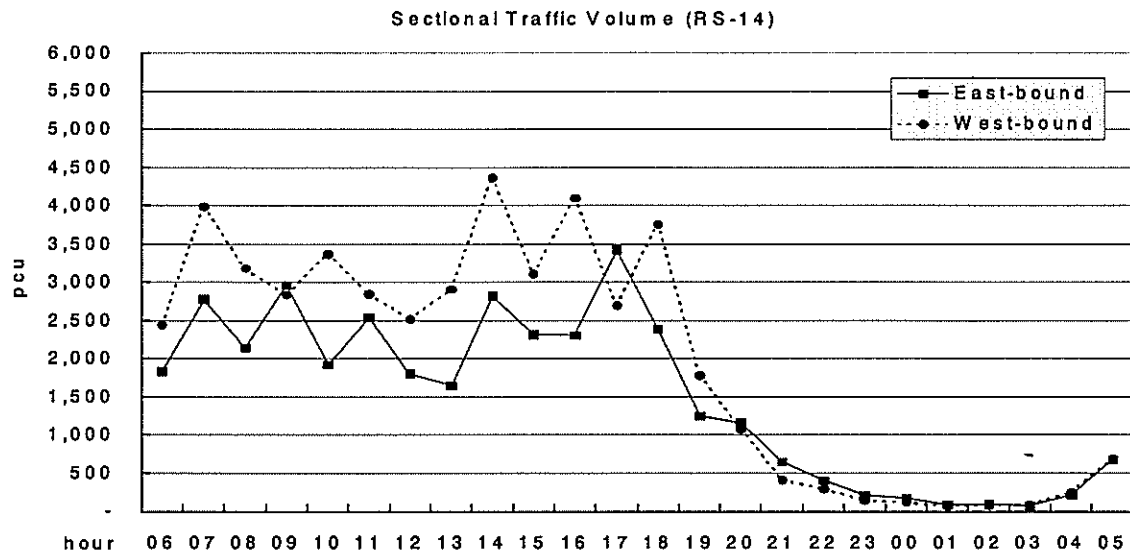


Figure A4.5.2 (a) Hourly Fluctuation of Roadside Traffic Volume Survey at 24-hrs Stations (4)

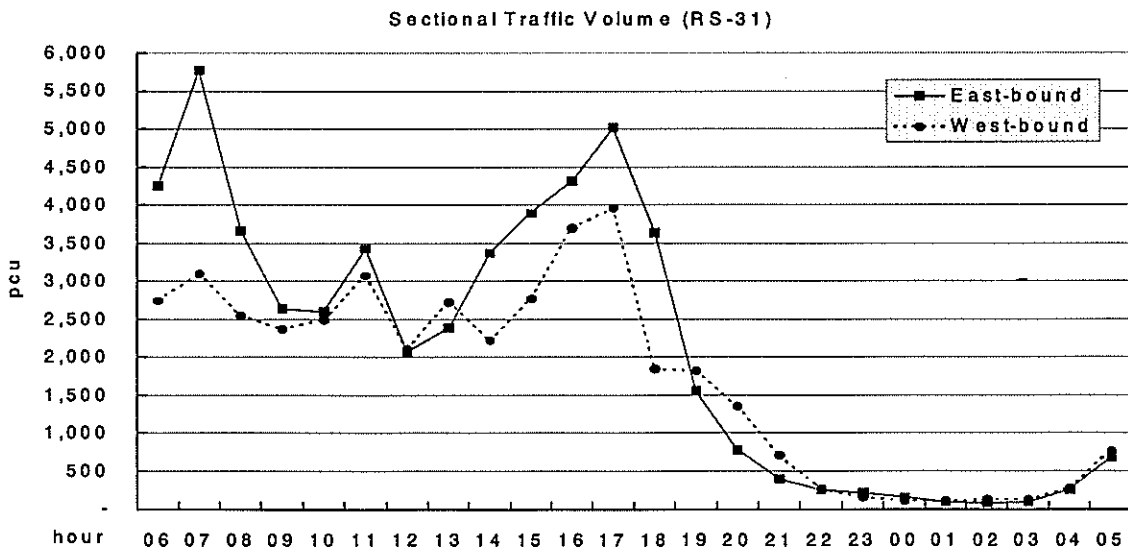
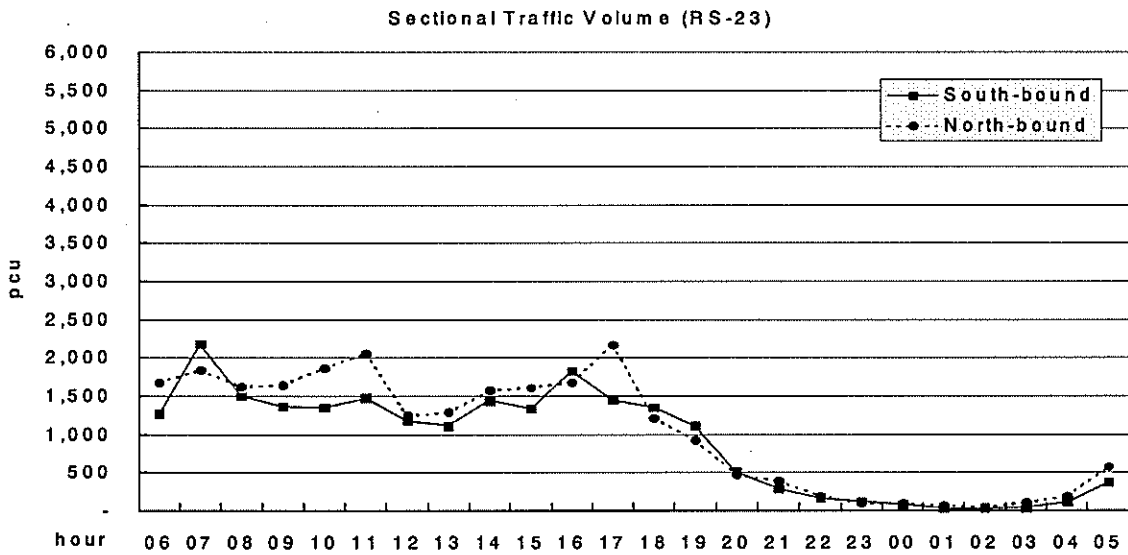
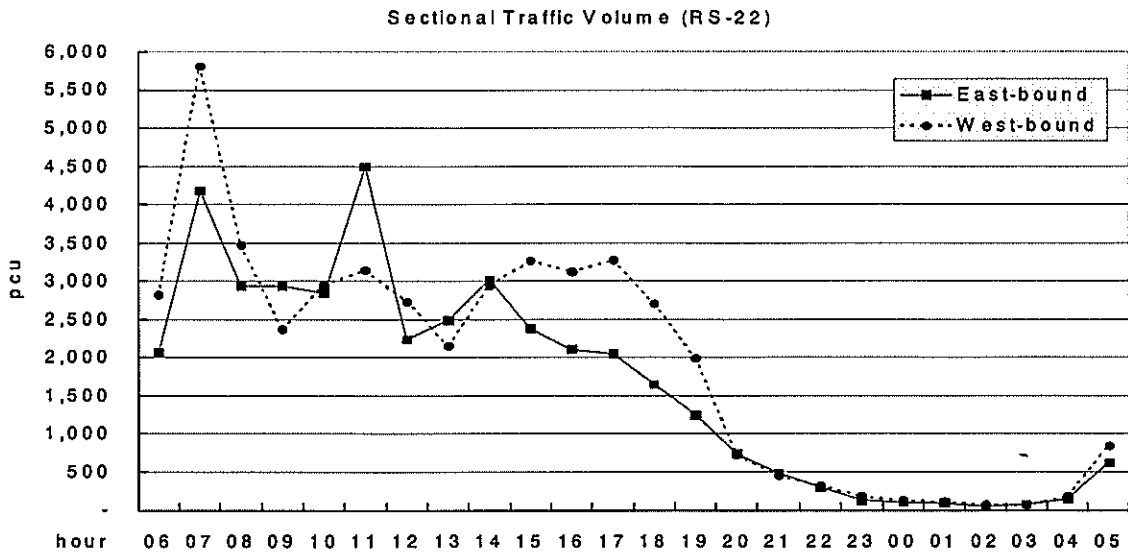


Figure A4.5.2 (a) Hourly Fluctuation of Roadside Traffic Volume Survey at 24-hrs Stations (5)

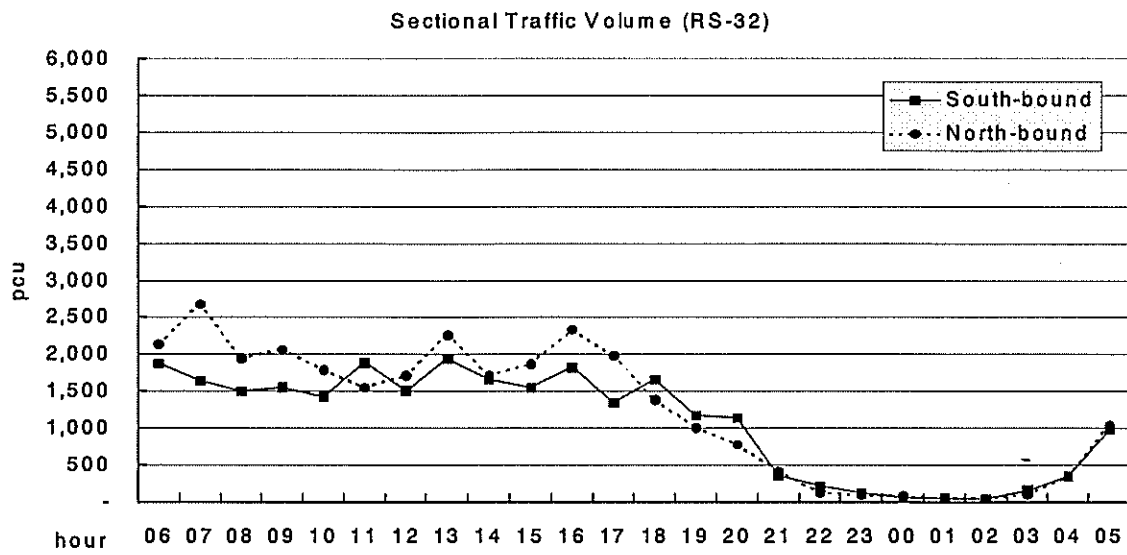


Figure A4..5.2 (a) Hourly Fluctuation of Roadside Traffic Volume Survey at 24-hrs Stations (6)

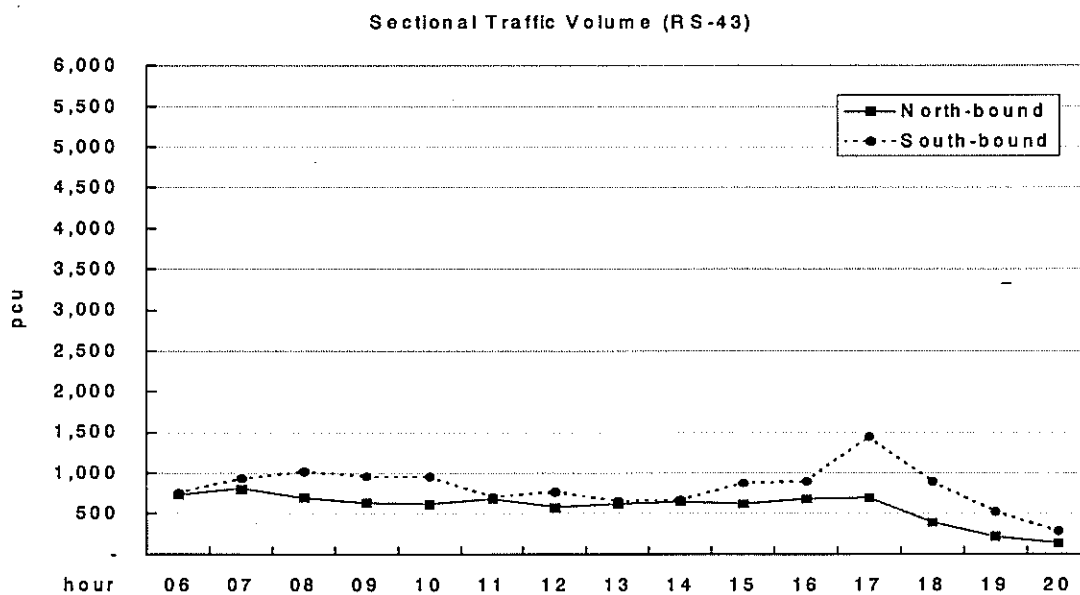
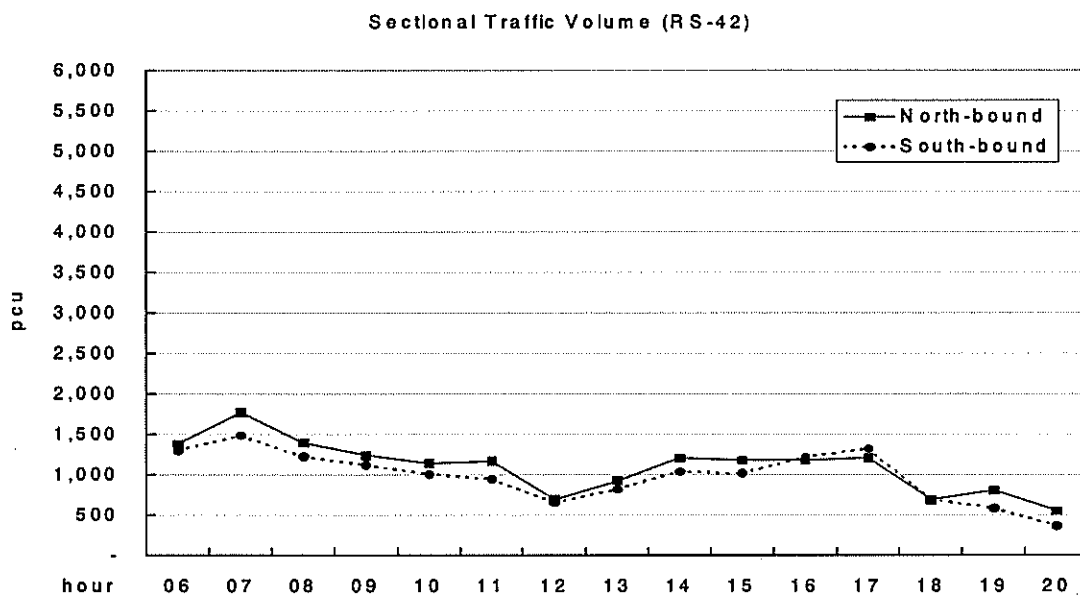
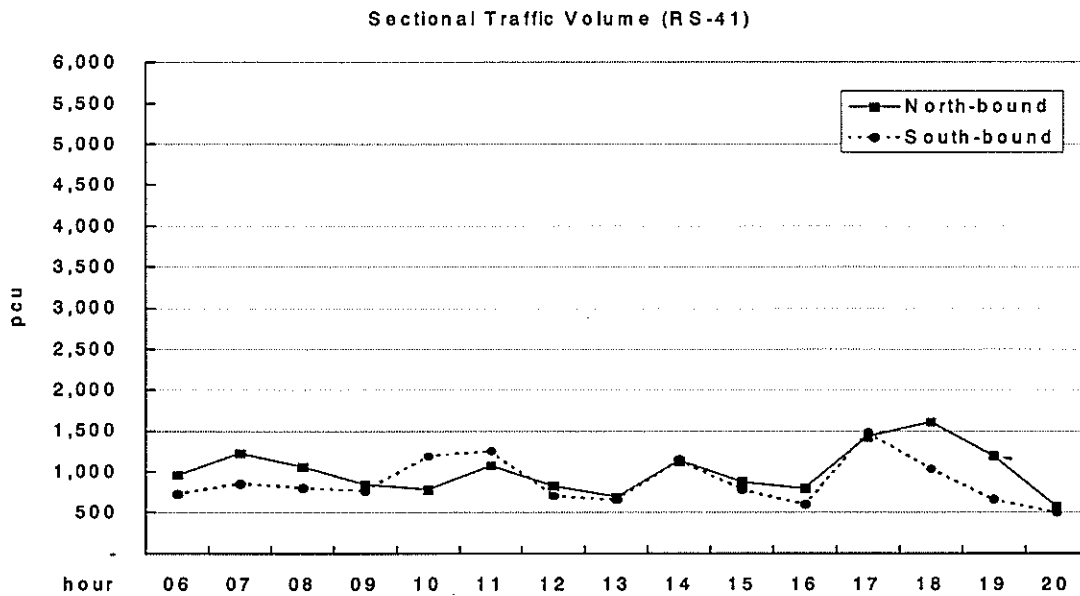


Figure A4..5.2 (b) Hourly Fluctuation of Roadside Traffic Volume Survey at 15-hrs Stations (1)

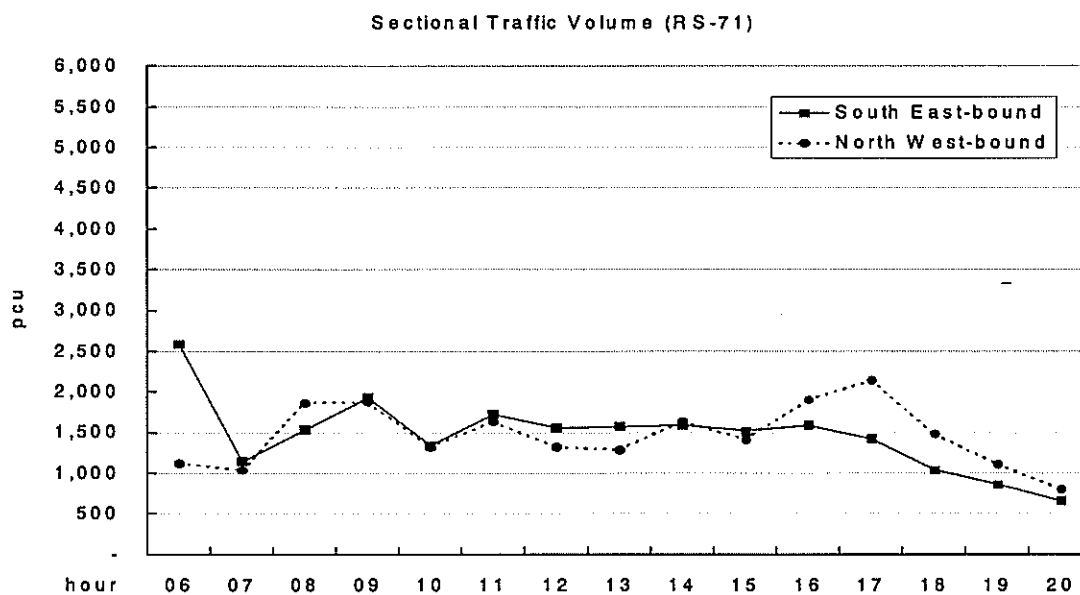
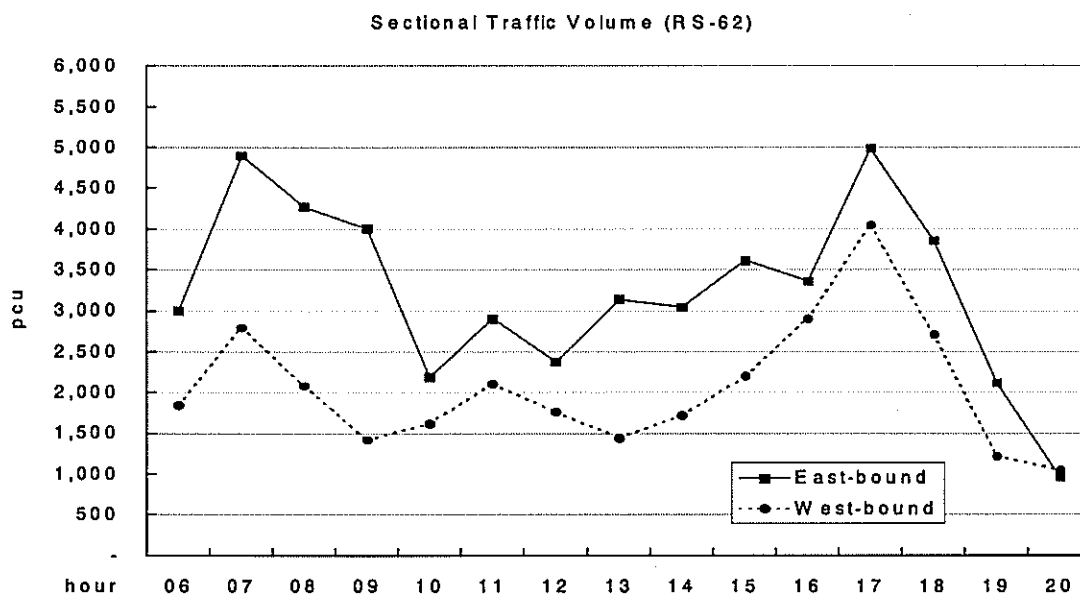
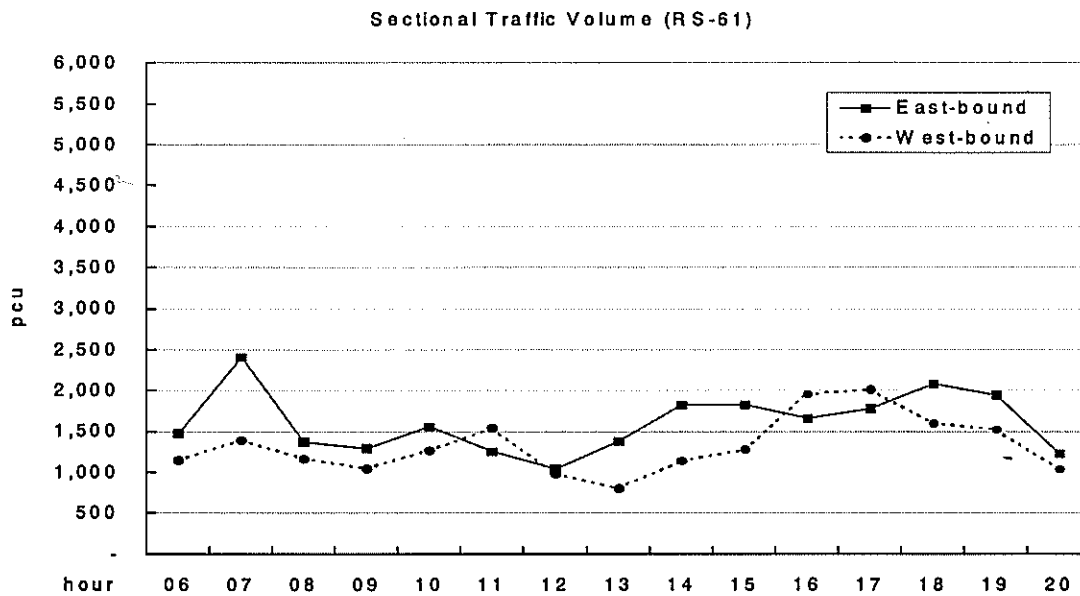


Figure A4.5.2 (b) Hourly Fluctuation of Roadside Traffic Volume Survey at 15-hrs Stations (2)

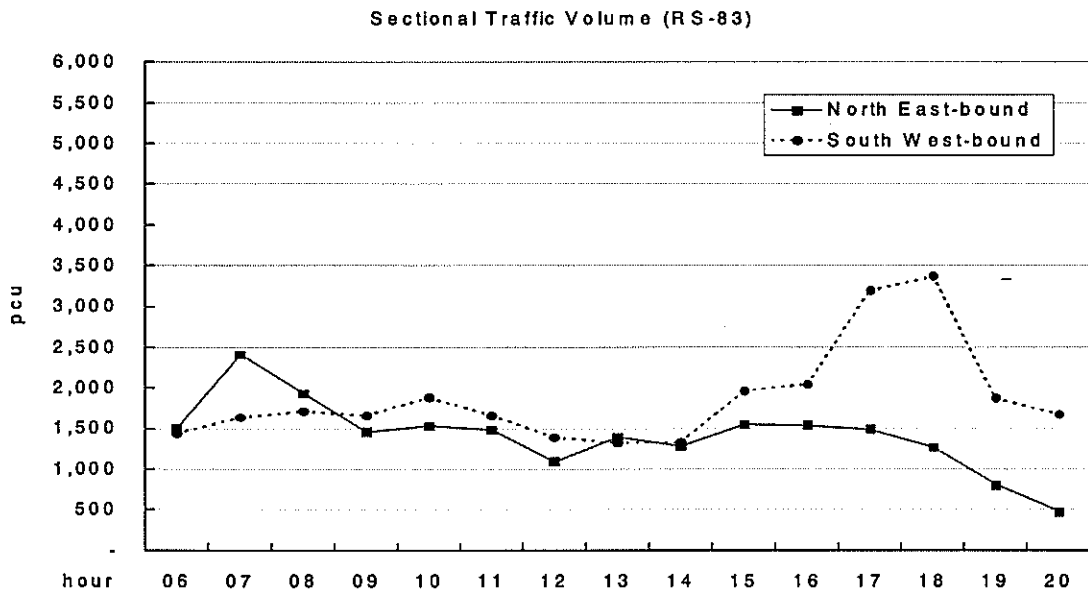
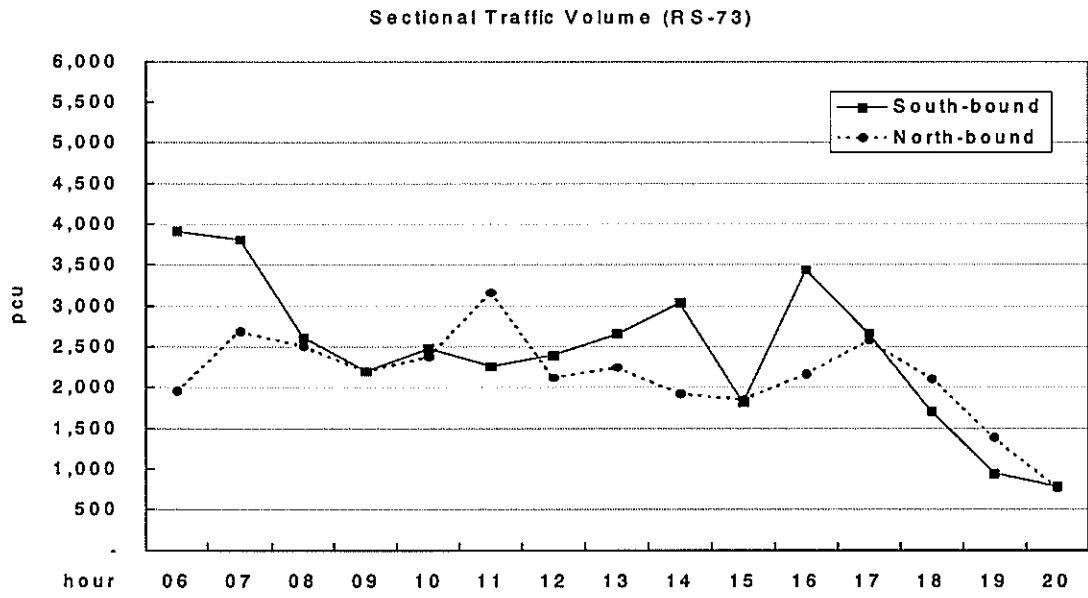
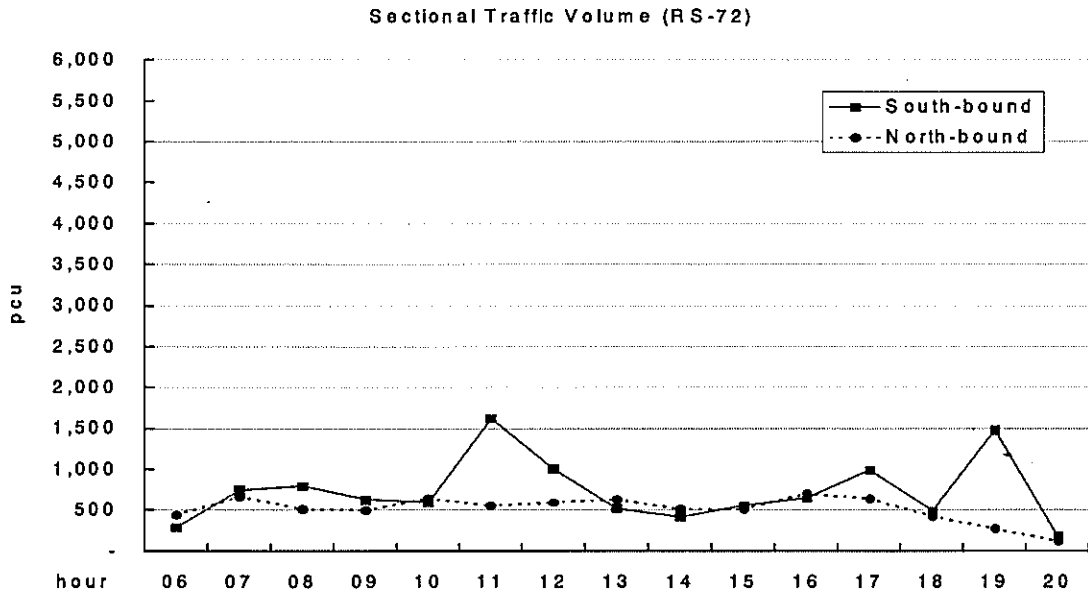


Figure A4..5.2 (b) Hourly Fluctuation of Roadside Traffic Volume Survey at 15-hrs Stations (3)

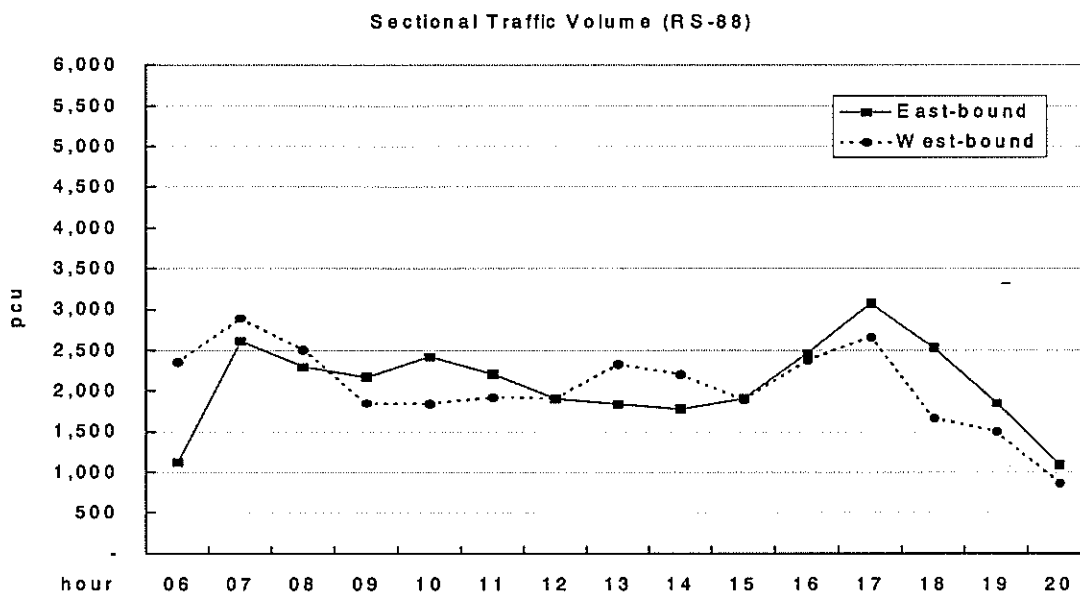
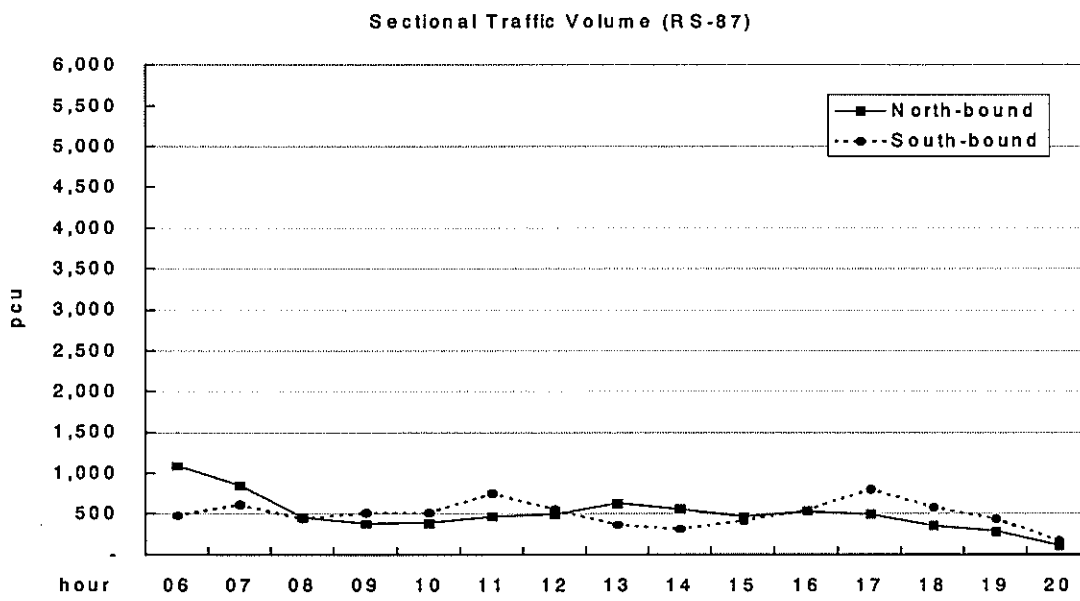
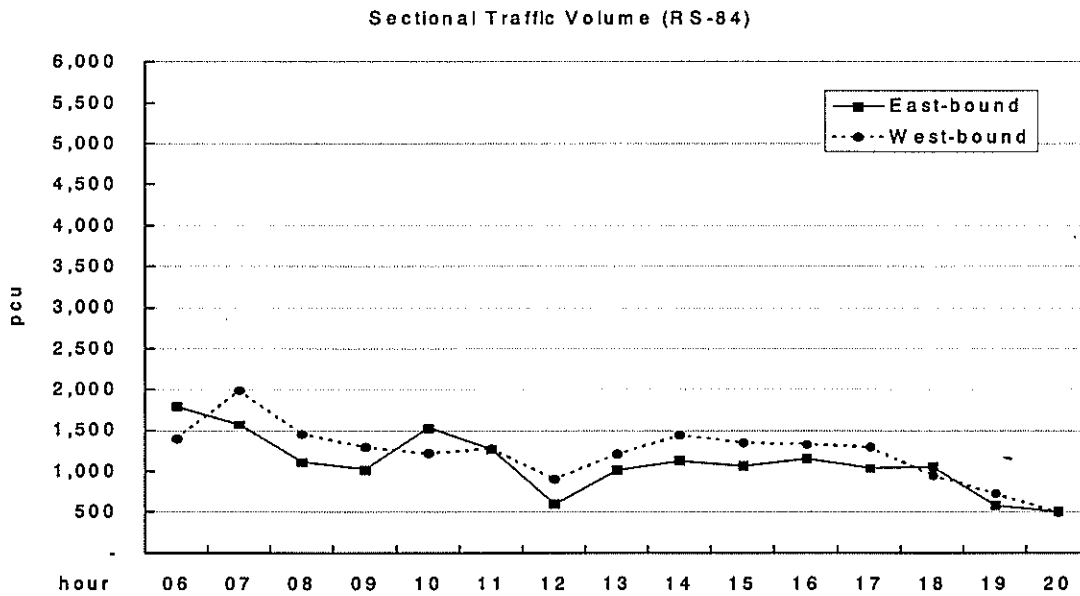


Figure A4.5.2 (b) Hourly Fluctuation of Roadside Traffic Volume Survey at 15-hrs Stations (4)

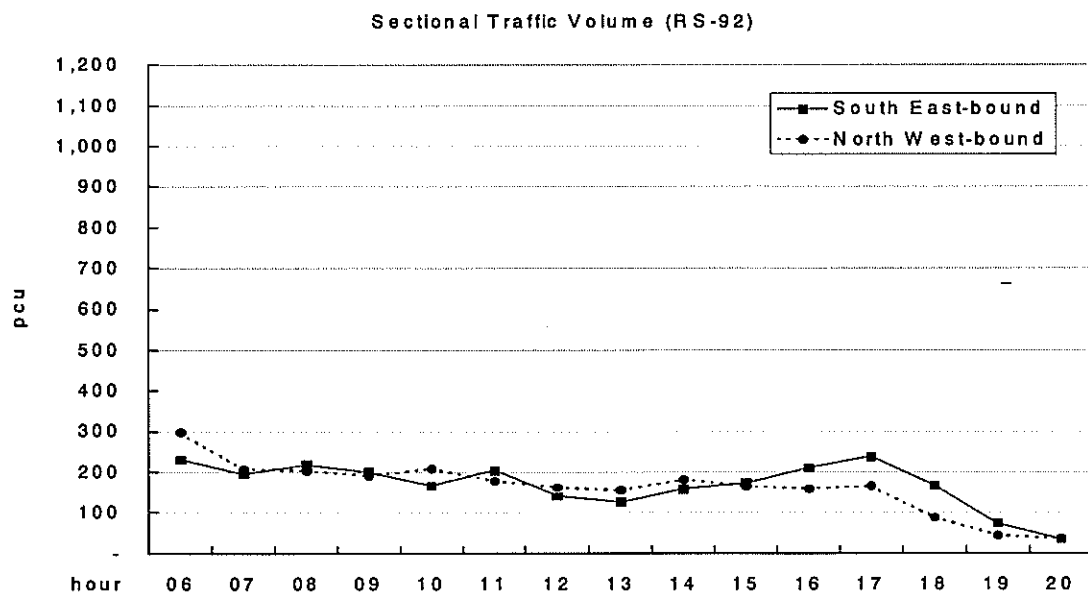
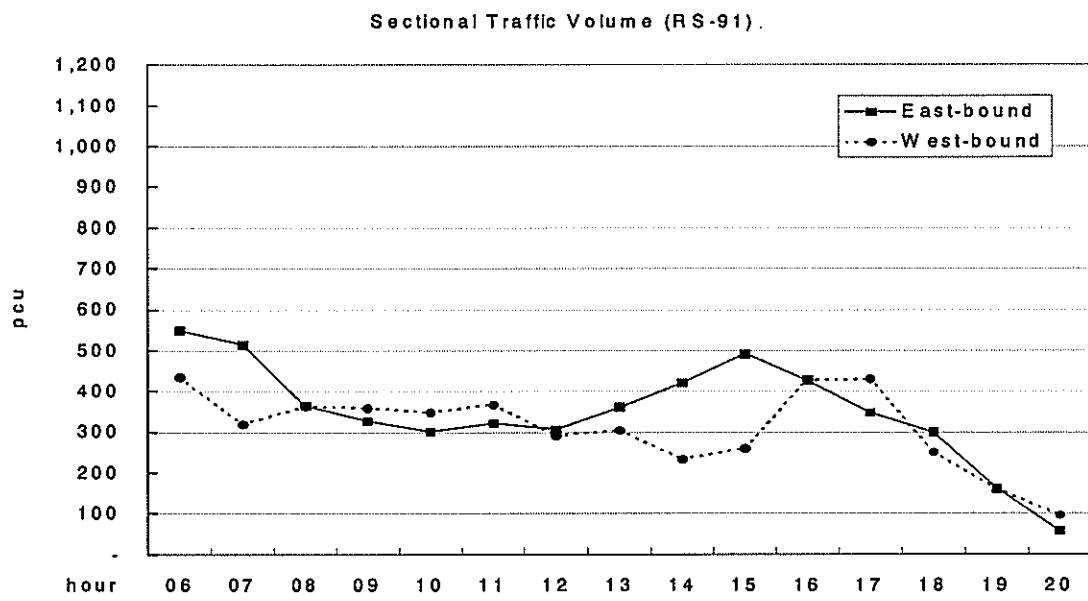
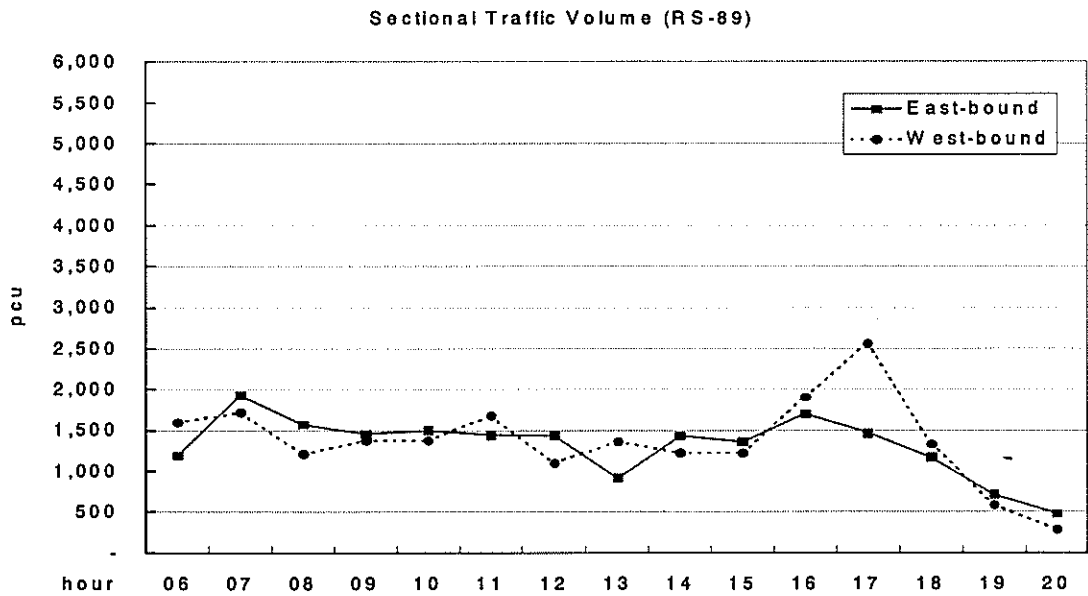


Figure A4.5.2 (b) Hourly Fluctuation of Roadside Traffic Volume Survey at 15-hrs Stations (5)

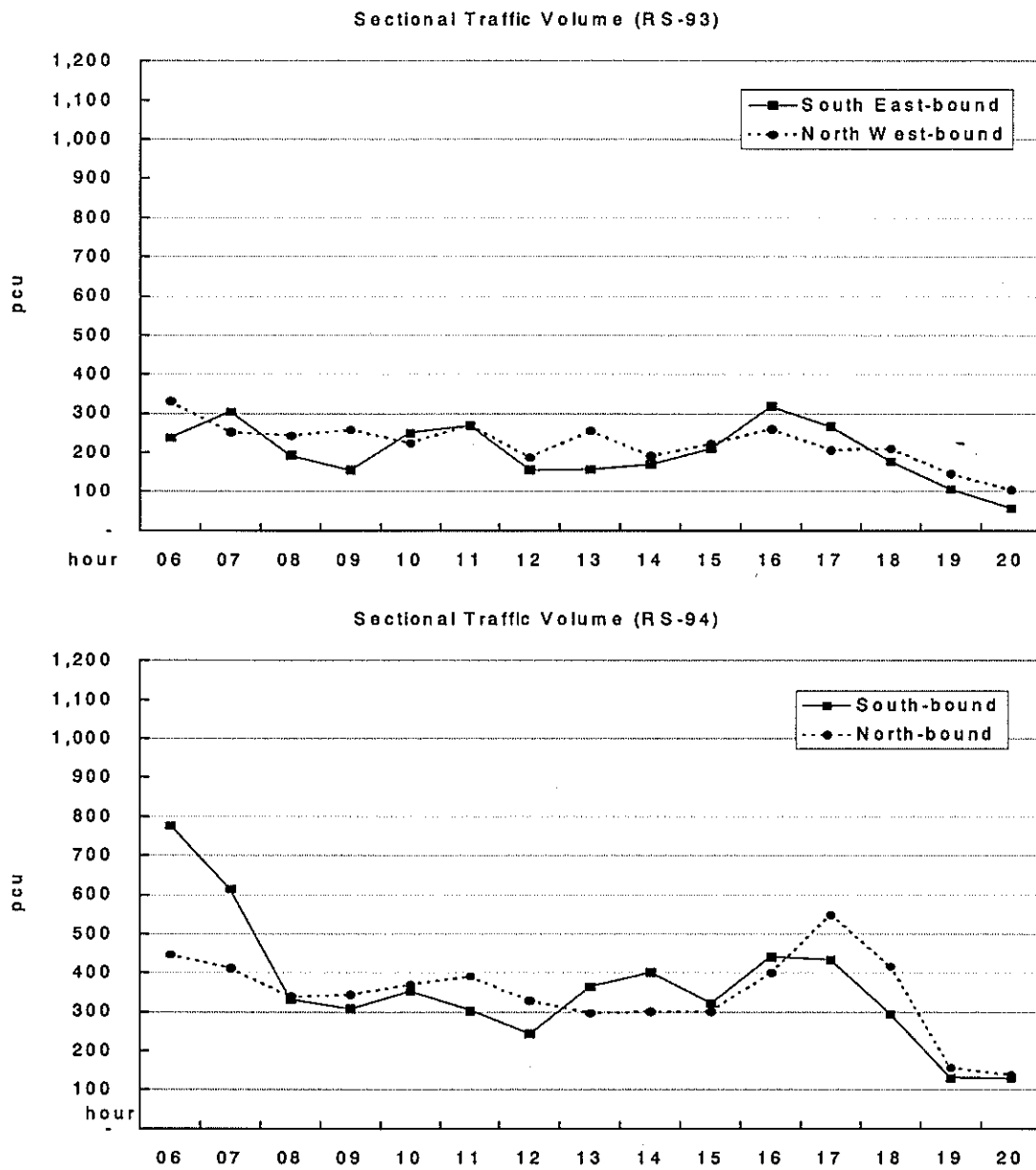


Figure A4.5.2 (b) Hourly Fluctuation of Roadside Traffic Volume Survey at 15-hrs Stations (6)

Table A4.5.1(a) Results of Roadside Traffic Volume Survey at 24-hrs Stations (1)

Station No.	Street	Direction	Item	unit	Vehicle Type										Total
					1. Passenger Cars	2. Taxi	3. Light Bus / Pass. Van	4. Pick-up / Cargo Van	5. Large Bus	6. Truck / Trailer	7. Motorumo	8. Motodop / Motorbike	9. Cyclo	0. Bicycle	
RS-01	Norodom (St. #41)	North-bound	Daytime 12 hrs Traffic	vehicle	5,147	59	410	1,612	19	65	128	33,443	56	468	41,407
			Share by Vehicle Type	(%)	(12.4)	(0.1)	(1.0)	(3.9)	(0.0)	(0.2)	(0.3)	(80.8)	(0.1)	(1.1)	(100.0)
			24/12-hrs Ratio	-	1.18	1.00	1.23	1.17	1.68	1.40	1.75	1.16	1.43	1.55	1.17
	South-bound	Daytime 12 hrs Traffic	vehicle	4,685	16	264	1,174	13	104	108	34,297	38	666	41,365	
		Share by Vehicle Type	(%)	(11.3)	(0.0)	(0.6)	(2.8)	(0.0)	(0.3)	(0.3)	(82.9)	(0.1)	(1.6)	(100.0)	
		24/12-hrs Ratio	-	1.21	1.44	1.34	1.19	2.31	1.13	1.41	1.14	1.58	1.08	1.16	
Both	Daytime 12 hrs Traffic	vehicle	9,832	75	674	2,786	32	169	236	67,740	94	1,134	82,772		
	Share by Vehicle Type	(%)	(11.9)	(0.1)	(0.8)	(3.4)	(0.0)	(0.2)	(0.3)	(81.8)	(0.1)	(1.4)	(100.0)		
	24/12-hrs Ratio	-	1.19	1.09	1.27	1.18	1.94	1.23	1.59	1.15	1.49	1.28	1.16		
RS-02	Monivong (St. #93)	North-bound	Daytime 12 hrs Traffic	vehicle	2,229	44	336	982	55	195	259	37,800	38	1,037	42,975
			Share by Vehicle Type	(%)	(5.2)	(0.1)	(0.8)	(2.3)	(0.1)	(0.5)	(0.6)	(88.0)	(0.1)	(2.4)	(100.0)
			24/12-hrs Ratio	-	1.22	1.36	1.23	1.23	1.13	1.26	1.83	1.16	1.45	1.12	1.17
	South-bound	Daytime 12 hrs Traffic	vehicle	4,028	61	652	630	73	334	127	28,568	54	665	35,192	
		Share by Vehicle Type	(%)	(11.4)	(0.2)	(1.9)	(1.8)	(0.2)	(0.9)	(0.4)	(81.2)	(0.2)	(1.9)	(100.0)	
		24/12-hrs Ratio	-	1.21	1.23	1.22	1.53	1.55	1.25	1.87	1.18	1.17	1.32	1.20	
Both	Daytime 12 hrs Traffic	vehicle	6,257	105	988	1,612	128	529	386	66,368	92	1,702	78,167		
	Share by Vehicle Type	(%)	(8.0)	(0.1)	(1.3)	(2.1)	(0.2)	(0.7)	(0.5)	(84.9)	(0.1)	(2.2)	(100.0)		
	24/12-hrs Ratio	-	1.22	1.29	1.22	1.34	1.37	1.26	1.85	1.17	1.28	1.20	1.19		
RS-03	Charles de Gaulle (St. #217)	N.E.-bound	Daytime 12 hrs Traffic	vehicle	1,233	46	258	742	5	797	147	23,194	191	1,255	27,868
			Share by Vehicle Type	(%)	(4.4)	(0.2)	(0.9)	(2.7)	(0.0)	(2.9)	(0.5)	(83.2)	(0.7)	(4.5)	(100.0)
			24/12-hrs Ratio	-	1.24	1.26	1.25	1.21	2.20	1.51	1.20	1.23	1.26	1.16	1.24
	S.W.-bound	Daytime 12 hrs Traffic	vehicle	1,588	277	469	950	3	925	294	25,961	303	255	31,025	
		Share by Vehicle Type	(%)	(5.1)	(0.9)	(1.5)	(3.1)	(0.0)	(3.0)	(0.9)	(83.7)	(1.0)	(0.8)	(100.0)	
		24/12-hrs Ratio	-	1.47	1.26	1.55	1.43	1.67	1.50	3.47	1.20	3.10	1.59	1.28	
Both	Daytime 12 hrs Traffic	vehicle	2,821	323	727	1,692	8	1,722	441	49,155	494	1,510	58,893		
	Share by Vehicle Type	(%)	(4.8)	(0.5)	(1.2)	(2.9)	(0.0)	(2.9)	(0.7)	(83.5)	(0.8)	(2.6)	(100.0)		
	24/12-hrs Ratio	-	1.37	1.26	1.44	1.33	2.00	1.51	2.71	1.22	2.39	1.23	1.26		
RS-04	Confederation de la Russie (St. #110)	East-bound	Daytime 12 hrs Traffic	vehicle	3,992	351	968	2,132	70	397	497	24,860	82	951	34,300
			Share by Vehicle Type	(%)	(11.6)	(1.0)	(2.8)	(6.2)	(0.2)	(1.2)	(1.4)	(72.5)	(0.2)	(2.8)	(100.0)
			24/12-hrs Ratio	-	1.27	1.17	1.19	1.23	1.19	1.18	1.28	1.17	1.15	1.22	1.19
	West-bound	Daytime 12 hrs Traffic	vehicle	4,476	431	897	1,521	60	304	723	24,658	199	965	34,234	
		Share by Vehicle Type	(%)	(13.1)	(1.3)	(2.6)	(4.4)	(0.2)	(0.9)	(2.1)	(72.0)	(0.6)	(2.8)	(100.0)	
		24/12-hrs Ratio	-	1.20	1.14	1.21	1.20	1.12	1.31	1.20	1.23	1.33	1.24	1.23	
Both	Daytime 12 hrs Traffic	vehicle	8,468	782	1,865	3,653	130	701	1,220	49,518	281	1,916	68,534		
	Share by Vehicle Type	(%)	(12.4)	(1.1)	(2.7)	(5.3)	(0.2)	(1.0)	(1.8)	(72.3)	(0.4)	(2.8)	(100.0)		
	24/12-hrs Ratio	-	1.24	1.15	1.20	1.22	1.15	1.24	1.23	1.20	1.27	1.23	1.21		
RS-05	Sisowath	North-bound	Daytime 12 hrs Traffic	vehicle	1,468	193	315	440	5	273	238	10,912	374	310	14,528
			Share by Vehicle Type	(%)	(10.1)	(1.3)	(2.2)	(3.0)	(0.0)	(1.9)	(1.6)	(75.1)	(2.6)	(2.1)	(100.0)
			24/12-hrs Ratio	-	1.34	1.21	1.70	1.31	1.80	1.14	1.47	1.27	1.37	1.19	1.29
	South-bound	Daytime 12 hrs Traffic	vehicle	1,751	37	159	682	9	183	155	13,918	267	489	17,650	
		Share by Vehicle Type	(%)	(9.9)	(0.2)	(0.9)	(3.9)	(0.1)	(1.0)	(0.9)	(78.9)	(1.5)	(2.8)	(100.0)	
		24/12-hrs Ratio	-	1.25	1.24	1.31	1.26	1.56	1.26	1.45	1.21	1.43	1.24	1.22	
Both	Daytime 12 hrs Traffic	vehicle	3,219	230	474	1,122	14	456	393	24,830	641	799	32,178		
	Share by Vehicle Type	(%)	(10.0)	(0.7)	(1.5)	(3.5)	(0.0)	(1.4)	(1.2)	(77.2)	(2.0)	(2.5)	(100.0)		
	24/12-hrs Ratio	-	1.29	1.22	1.57	1.28	1.64	1.19	1.47	1.24	1.39	1.22	1.25		
RS-06	Monivong (St. #93)	North-bound	Daytime 12 hrs Traffic	vehicle	4,356	90	760	1,422	61	295	131	32,469	321	790	40,695
			Share by Vehicle Type	(%)	(10.7)	(0.2)	(1.9)	(3.5)	(0.1)	(0.7)	(0.3)	(79.8)	(0.8)	(1.9)	(100.0)
			24/12-hrs Ratio	-	1.50	1.21	1.28	1.29	1.10	1.35	1.37	1.24	1.20	1.41	1.27
	South-bound	Daytime 12 hrs Traffic	vehicle	4,040	51	663	1,509	31	68	136	31,911	270	624	39,303	
		Share by Vehicle Type	(%)	(10.3)	(0.1)	(1.7)	(3.8)	(0.1)	(0.2)	(0.3)	(81.2)	(0.7)	(1.6)	(100.0)	
		24/12-hrs Ratio	-	1.38	1.20	1.28	1.29	1.06	1.59	1.32	1.26	1.29	1.38	1.27	
Both	Daytime 12 hrs Traffic	vehicle	8,396	141	1,423	2,931	92	363	267	64,380	591	1,414	79,998		
	Share by Vehicle Type	(%)	(10.5)	(0.2)	(1.8)	(3.7)	(0.1)	(0.5)	(0.3)	(80.5)	(0.7)	(1.8)	(100.0)		
	24/12-hrs Ratio	-	1.45	1.21	1.28	1.29	1.09	1.40	1.34	1.25	1.24	1.40	1.27		
RS-11	Norodom (St. #41)	North-bound	Daytime 12 hrs Traffic	vehicle	7,219	31	345	2,213	88	25	-	651	6	720	11,298
			Share by Vehicle Type	(%)	(63.9)	(0.3)	(3.1)	(19.6)	(0.8)	(0.2)	(0.0)	(5.8)	(0.1)	(6.4)	(100.0)
			24/12-hrs Ratio	-	1.15	1.48	1.17	1.21	1.16	1.04	#DIV/0!	1.43	1.17	1.17	1.18
	South-bound	Daytime 12 hrs Traffic	vehicle	7,444	25	595	1,197	48	-	-	800	-	55	10,164	
		Share by Vehicle Type	(%)	(73.2)	(0.2)	(5.9)	(11.8)	(0.5)	(0.0)	(0.0)	(7.9)	(0.0)	(0.5)	(100.0)	
		24/12-hrs Ratio	-	1.22	1.52	1.07	1.26	1.04	#DIV/0!	#DIV/0!	1.23	#DIV/0!	1.29	1.22	
Both	Daytime 12 hrs Traffic	vehicle	14,663	56	940	3,410	136	25	-	1,451	6	775	21,462		
	Share by Vehicle Type	(%)	(68.3)	(0.3)	(4.4)	(15.9)	(0.6)	(0.1)	(0.0)	(6.8)	(0.0)	(3.6)	(100.0)		
	24/12-hrs Ratio	-	1.19	1.50	1.11	1.23	1.12	1.04	#DIV/0!	1.32	1.17	1.18	1.20		
RS-12	Monivong (St. #93)	North-bound	Daytime 12 hrs Traffic	vehicle	5,907	84	528	990	64	22	79	57,857	1,171	1,074	67,776
			Share by Vehicle Type	(%)	(8.7)	(0.1)	(0.8)	(1.5)	(0.1)	(0.0)	(0.1)	(85.4)	(1.7)	(1.6)	(100.0)
			24/12-hrs Ratio	-	1.51	1.12	1.40	1.35	1.13	1.36	1.42	1.24	1.35	1.34	1.27
	South-bound	Daytime 12 hrs Traffic	vehicle	5,544	55	371	1,538	60	113	81	35,373	887	702	44,724	
		Share by Vehicle Type	(%)	(12.4)	(0.1)	(0.8)	(3.4)	(0.1)	(0.3)	(0.2)	(79.1)	(2.0)	(1.6)	(100.0)	
		24/12-hrs Ratio	-	1.39	1.67	1.47	1.45	1.30	1.30	2.07	1.30	1.31	1.21	1.32	
Both	Daytime 12 hrs Traffic	vehicle	11,451	139	899	2,528	124	135	160	93,230	2,058	1,776	112,500		
	Share by Vehicle Type	(%)	(10.2)	(0.1)	(0.8)	(2.2)	(0.1)	(0.1)	(0.1)	(82.9)	(1.8)	(1.6)	(100.0)		
	24/12-hrs Ratio	-	1.45	1.34	1.43	1.41	1.21	1.31	1.75	1.26	1.33	1.28	1.29		

Table A4.5.1(a) Results of Roadside Traffic Volume Survey at 24-hrs Stations (2)

Station No.	Street	Direction	Item	unit	Vehicle Type										Total	
					1. Passenger Cars	2. Taxi	3. Light Bus / Pass. Van	4. Pick-up / Cargo Van	5. Large Bus	6. Truck / Trailer	7. Motorumo	8. Motodop / Motorbike	9. Cyclo	0. Bicycle		
RS-13	Monireth (St. #217)	N.E.-bound	Daytime 12 hrs Traffic	vehicle	2,744	72	417	841	22	113	98	29,849	1,446	614	36,216	
			Share by Vehicle Type	(%)	(7.6)	(0.2)	(1.2)	(2.3)	(0.1)	(0.3)	(0.3)	(82.4)	(4.0)	(1.7)	(100.0)	
			24/12-hrs Ratio	-	1.25	1.14	1.19	1.29	1.27	1.24	1.34	1.18	1.14	1.34	1.19	
		S.W.-bound	Daytime 12 hrs Traffic	vehicle	3,383	106	414	956	20	167	109	32,784	1,798	1,225	40,962	
			Share by Vehicle Type	(%)	(8.3)	(0.3)	(1.0)	(2.3)	(0.0)	(0.4)	(0.3)	(80.0)	(4.4)	(3.0)	(100.0)	
			24/12-hrs Ratio	-	1.26	1.17	1.22	1.24	1.65	1.47	1.72	1.15	1.13	1.18	1.17	
	Both	Daytime 12 hrs Traffic	vehicle	6,127	178	831	1,797	42	280	207	62,633	3,244	1,839	77,178		
		Share by Vehicle Type	(%)	(7.9)	(0.2)	(1.1)	(2.3)	(0.1)	(0.4)	(0.3)	(81.2)	(4.2)	(2.4)	(100.0)		
		24/12-hrs Ratio	-	1.26	1.16	1.20	1.27	1.45	1.38	1.54	1.16	1.14	1.23	1.18		
	RS-14	Confederation de la Russie (St. #110)	East-bound	Daytime 12 hrs Traffic	vehicle	8,964	202	968	1,820	47	271	14	30,119	169	812	43,386
				Share by Vehicle Type	(%)	(20.7)	(0.5)	(2.2)	(4.2)	(0.1)	(0.6)	(0.0)	(69.4)	(0.4)	(1.9)	(100.0)
				24/12-hrs Ratio	-	1.34	1.36	1.39	1.26	1.19	1.27	2.21	1.20	1.26	1.30	1.24
West-bound			Daytime 12 hrs Traffic	vehicle	8,514	91	621	1,394	38	73	53	53,834	171	704	65,493	
			Share by Vehicle Type	(%)	(13.0)	(0.1)	(0.9)	(2.1)	(0.1)	(0.1)	(0.1)	(82.2)	(0.3)	(1.1)	(100.0)	
			24/12-hrs Ratio	-	1.23	1.23	1.33	1.20	1.29	1.36	1.62	1.23	1.37	1.14	1.23	
Both		Daytime 12 hrs Traffic	vehicle	17,478	293	1,589	3,214	85	344	67	83,953	340	1,516	108,879		
		Share by Vehicle Type	(%)	(16.1)	(0.3)	(1.5)	(3.0)	(0.1)	(0.3)	(0.1)	(77.1)	(0.3)	(1.4)	(100.0)		
		24/12-hrs Ratio	-	1.29	1.32	1.37	1.23	1.24	1.28	1.75	1.22	1.31	1.23	1.23		
RS-15		Sothearos (St. #3)	North-bound	Daytime 12 hrs Traffic	vehicle	2,442	258	164	652	13	164	96	21,671	345	320	26,125
				Share by Vehicle Type	(%)	(9.3)	(1.0)	(0.6)	(2.5)	(0.0)	(0.6)	(0.4)	(83.0)	(1.3)	(1.2)	(100.0)
				24/12-hrs Ratio	-	1.36	1.07	1.14	1.14	1.08	1.15	1.22	1.18	1.13	1.31	1.19
	South-bound		Daytime 12 hrs Traffic	vehicle	2,433	14	17	1,210	67	45	131	18,781	316	318	23,332	
			Share by Vehicle Type	(%)	(10.4)	(0.1)	(0.1)	(5.2)	(0.3)	(0.2)	(0.6)	(80.5)	(1.4)	(1.4)	(100.0)	
			24/12-hrs Ratio	-	1.28	1.21	1.00	1.25	1.07	1.04	1.30	1.20	1.24	1.18	1.21	
	Both	Daytime 12 hrs Traffic	vehicle	4,875	272	181	1,862	80	209	227	40,452	661	638	49,457		
		Share by Vehicle Type	(%)	(9.9)	(0.5)	(0.4)	(3.8)	(0.2)	(0.4)	(0.5)	(81.8)	(1.3)	(1.3)	(100.0)		
		24/12-hrs Ratio	-	1.32	1.08	1.13	1.21	1.08	1.13	1.26	1.19	1.18	1.25	1.20		
	RS-21	Sihanouk (St. #274)	East-bound	Daytime 12 hrs Traffic	vehicle	6,770	392	33	935	10	1	98	45,292	220	1,262	55,013
				Share by Vehicle Type	(%)	(12.3)	(0.7)	(0.1)	(1.7)	(0.0)	(0.0)	(0.2)	(82.3)	(0.4)	(2.3)	(100.0)
				24/12-hrs Ratio	-	1.31	1.15	1.36	1.26	1.70	2.00	1.89	1.25	4.11	1.18	1.27
West-bound			Daytime 12 hrs Traffic	vehicle	4,469	19	3	566	22	22	17	20,034	388	765	26,305	
			Share by Vehicle Type	(%)	(17.0)	(0.1)	(0.0)	(2.2)	(0.1)	(0.1)	(0.1)	(76.2)	(1.5)	(2.9)	(100.0)	
			24/12-hrs Ratio	-	1.33	1.42	3.00	1.55	1.41	1.18	2.88	1.34	1.37	1.33	1.35	
Both		Daytime 12 hrs Traffic	vehicle	11,239	411	36	1,501	32	23	115	65,326	608	2,027	81,318		
		Share by Vehicle Type	(%)	(13.8)	(0.5)	(0.0)	(1.8)	(0.0)	(0.0)	(0.1)	(80.3)	(0.7)	(2.5)	(100.0)		
		24/12-hrs Ratio	-	1.32	1.16	1.50	1.37	1.50	1.22	2.03	1.28	2.36	1.23	1.29		
RS-22		Sihanouk (St. #274)	East-bound	Daytime 12 hrs Traffic	vehicle	6,320	73	784	1,789	12	180	94	46,083	1,287	895	57,517
				Share by Vehicle Type	(%)	(11.0)	(0.1)	(1.4)	(3.1)	(0.0)	(0.3)	(0.2)	(80.1)	(2.2)	(1.6)	(100.0)
				24/12-hrs Ratio	-	1.26	1.27	1.28	1.19	1.75	1.29	1.60	1.13	1.10	1.20	1.15
	West-bound		Daytime 12 hrs Traffic	vehicle	6,823	81	566	1,974	13	220	210	52,851	1,708	968	65,414	
			Share by Vehicle Type	(%)	(10.4)	(0.1)	(0.9)	(3.0)	(0.0)	(0.3)	(0.3)	(80.8)	(2.6)	(1.5)	(100.0)	
			24/12-hrs Ratio	-	1.31	1.07	1.30	1.28	1.85	1.31	1.48	1.17	1.16	1.09	1.19	
	Both	Daytime 12 hrs Traffic	vehicle	13,143	154	1,350	3,763	25	400	304	98,934	2,995	1,863	122,931		
		Share by Vehicle Type	(%)	(10.7)	(0.1)	(1.1)	(3.1)	(0.0)	(0.3)	(0.2)	(80.5)	(2.4)	(1.5)	(100.0)		
		24/12-hrs Ratio	-	1.29	1.17	1.29	1.24	1.80	1.31	1.52	1.15	1.13	1.14	1.17		
	RS-23	Sihanouk (St. #274)	South-bound	Daytime 12 hrs Traffic	vehicle	3,731	105	366	691	10	149	87	22,722	654	726	29,241
				Share by Vehicle Type	(%)	(12.8)	(0.4)	(1.3)	(2.4)	(0.0)	(0.5)	(0.3)	(77.7)	(2.2)	(2.5)	(100.0)
				24/12-hrs Ratio	-	1.24	1.23	1.24	1.22	1.70	1.46	1.40	1.23	1.10	1.25	1.23
North-bound			Daytime 12 hrs Traffic	vehicle	3,126	167	361	982	17	204	146	28,132	775	830	34,740	
			Share by Vehicle Type	(%)	(9.0)	(0.5)	(1.0)	(2.8)	(0.0)	(0.6)	(0.4)	(81.0)	(2.2)	(2.4)	(100.0)	
			24/12-hrs Ratio	-	1.30	1.38	1.37	1.26	1.65	1.22	1.43	1.18	1.17	1.16	1.20	
Both		Daytime 12 hrs Traffic	vehicle	6,857	272	727	1,673	27	353	233	50,854	1,429	1,556	63,981		
		Share by Vehicle Type	(%)	(10.7)	(0.4)	(1.1)	(2.6)	(0.0)	(0.6)	(0.4)	(79.5)	(2.2)	(2.4)	(100.0)		
		24/12-hrs Ratio	-	1.27	1.32	1.30	1.24	1.67	1.32	1.42	1.21	1.13	1.20	1.22		
RS-31		Mao Tse Toung (St. #245)	East-bound	Daytime 12 hrs Traffic	vehicle	8,594	50	685	1,372	24	248	284	62,139	339	1,043	74,778
				Share by Vehicle Type	(%)	(11.5)	(0.1)	(0.9)	(1.8)	(0.0)	(0.3)	(0.4)	(83.1)	(0.5)	(1.4)	(100.0)
				24/12-hrs Ratio	-	1.37	1.10	1.24	1.33	1.29	1.33	1.33	1.13	1.17	1.23	1.16
	West-bound		Daytime 12 hrs Traffic	vehicle	9,432	87	321	1,627	55	411	232	40,564	412	660	53,801	
			Share by Vehicle Type	(%)	(17.5)	(0.2)	(0.6)	(3.0)	(0.1)	(0.8)	(0.4)	(75.4)	(0.8)	(1.2)	(100.0)	
			24/12-hrs Ratio	-	1.13	1.15	1.33	1.91	1.71	1.29	1.64	1.21	1.16	1.16	1.22	
	Both	Daytime 12 hrs Traffic	vehicle	18,026	137	1,006	2,999	79	659	516	102,703	751	1,703	128,579		
		Share by Vehicle Type	(%)	(14.0)	(0.1)	(0.8)	(2.3)	(0.1)	(0.5)	(0.4)	(79.9)	(0.6)	(1.3)	(100.0)		
		24/12-hrs Ratio	-	1.24	1.13	1.27	1.64	1.58	1.30	1.47	1.16	1.16	1.20	1.19		
	RS-32	Mao Tse Toung (St. #245)	South-bound	Daytime 12 hrs Traffic	vehicle	674	731	700	629	43	299	335	30,276	420	903	35,010
				Share by Vehicle Type	(%)	(1.9)	(2.1)	(2.0)	(1.8)	(0.1)	(0.9)	(1.0)	(86.5)	(1.2)	(2.6)	(100.0)
				24/12-hrs Ratio	-	1.73	1.31	1.40	1.59	1.19	1.15	1.61	1.30	1.33	1.19	1.31
North-bound			Daytime 12 hrs Traffic	vehicle	2,809	304	473	955	46	689	238	32,594	508	1,202	39,818	
			Share by Vehicle Type	(%)	(7.1)	(0.8)	(1.2)	(2.4)	(0.1)	(1.7)	(0.6)	(81.9)	(1.3)	(3.0)	(100.0)	
			24/12-hrs Ratio	-	1.27	1.11	1.22	1.26	1.13	1.24	1.35	1.22	1.25	1.15	1.22	
Both		Daytime 12 hrs Traffic	vehicle	3,483	1,035	1,173	1,584	89	988	573	62,870	928	2,105	74,828		
		Share by Vehicle Type	(%)	(4.7)	(1.4)	(1.6)	(2.1)	(0.1)	(1.3)	(0.8)	(84.0)	(1.2)	(2.8)	(100.0)		
		24/12-hrs Ratio	-	1.36	1.25	1.33	1.39	1.16	1.21	1.50	1.26	1.29	1.17	1.27		

Table A4.5.1(b) Results of Roadside Traffic Volume Survey at 15-hrs Stations (1)

Station No.	Street	Direction	Item	unit	Vehicle Type										Total
					1. Passenger Cars	2. Taxi	3. Light Bus / Pass. Van	4. Pick-up / Cargo Van	5. Large Bus	6. Truck / Trailer	7. Motorumo	8. Motoped / Motorbike	9. Cyclo	0. Bicycle	
RS-41	Norodom (St. #41)	North-bound	Daytime 12 hrs Traffic	vehicle	7,252	31	333	542	19	5	-	6,231	56	644	15,113
			Share by Vehicle Type (%)	(48.0)	(0.2)	(2.2)	(3.6)	(0.1)	(0.0)	(41.2)	(0.4)	(4.3)	(100.0)		
			15/12-hrs Ratio	-	1.23	1.16	1.24	1.11	1.00	#DIV/0!	1.46	1.64	1.19	1.32	
		South-bound	Daytime 12 hrs Traffic	vehicle	7,744	101	284	750	15	9	-	3,295	39	676	12,913
			Share by Vehicle Type (%)	(60.0)	(0.8)	(2.2)	(5.8)	(0.1)	(0.1)	(0.0)	(25.5)	(0.3)	(5.2)	(100.0)	
			15/12-hrs Ratio	-	1.22	1.33	1.26	1.24	1.20	1.00	#DIV/0!	1.11	1.56	1.07	1.19
Both	Daytime 12 hrs Traffic	vehicle	14,996	132	617	1,292	34	14	-	9,526	95	1,320	28,026		
	Share by Vehicle Type (%)	(53.5)	(0.5)	(2.2)	(4.6)	(0.1)	(0.0)	(0.0)	(34.0)	(0.3)	(4.7)	(100.0)			
	15/12-hrs Ratio	-	1.22	1.30	1.21	1.24	1.15	1.00	#DIV/0!	1.34	1.61	1.13	1.26		
RS-42	Sisowath	North-bound	Daytime 12 hrs Traffic	vehicle	1,948	11	435	649	6	304	91	20,008	399	505	24,356
			Share by Vehicle Type (%)	(8.0)	(0.0)	(1.8)	(2.7)	(0.0)	(1.2)	(0.4)	(82.1)	(1.6)	(2.1)	(100.0)	
			15/12-hrs Ratio	-	1.24	1.36	1.08	1.10	1.17	1.05	1.02	1.14	1.13	1.15	1.14
		South-bound	Daytime 12 hrs Traffic	vehicle	2,280	12	146	591	12	259	56	17,632	354	475	21,817
			Share by Vehicle Type (%)	(10.5)	(0.1)	(0.7)	(2.7)	(0.1)	(1.2)	(0.3)	(80.8)	(1.6)	(2.2)	(100.0)	
			15/12-hrs Ratio	-	1.19	1.58	1.18	1.13	1.08	1.08	1.04	1.11	1.16	1.17	1.12
Both	Daytime 12 hrs Traffic	vehicle	4,228	23	581	1,240	18	563	147	37,640	753	980	46,173		
	Share by Vehicle Type (%)	(9.2)	(0.0)	(1.3)	(2.7)	(0.0)	(1.2)	(0.3)	(81.5)	(1.6)	(2.1)	(100.0)			
	15/12-hrs Ratio	-	1.21	1.48	1.10	1.11	1.11	1.06	1.03	1.12	1.14	1.16	1.13		
RS-43	France (St. #47)	North-bound	Daytime 12 hrs Traffic	vehicle	1,150	92	119	365	6	80	82	11,194	123	625	13,836
			Share by Vehicle Type (%)	(8.3)	(0.7)	(0.9)	(2.6)	(0.0)	(0.6)	(0.6)	(80.9)	(0.9)	(4.5)	(100.0)	
			15/12-hrs Ratio	-	1.10	1.01	1.10	1.08	1.00	1.26	1.02	1.08	1.16	1.11	1.09
		South-bound	Daytime 12 hrs Traffic	vehicle	1,726	38	223	557	10	64	61	14,661	139	796	18,275
			Share by Vehicle Type (%)	(9.4)	(0.2)	(1.2)	(3.0)	(0.1)	(0.4)	(0.3)	(80.2)	(0.8)	(4.4)	(100.0)	
			15/12-hrs Ratio	-	1.23	1.05	1.12	1.11	1.10	1.09	1.00	1.15	1.12	1.16	1.16
Both	Daytime 12 hrs Traffic	vehicle	2,876	130	342	922	16	144	143	25,855	262	1,421	32,111		
	Share by Vehicle Type (%)	(9.0)	(0.4)	(1.1)	(2.9)	(0.0)	(0.4)	(0.4)	(80.5)	(0.8)	(4.4)	(100.0)			
	15/12-hrs Ratio	-	1.18	1.02	1.11	1.10	1.06	1.19	1.01	1.12	1.14	1.14	1.13		
RS-61	Sihanouk (St. #274)	East-bound	Daytime 12 hrs Traffic	vehicle	5,104	791	371	403	38	81	-	22,451	412	796	30,447
			Share by Vehicle Type (%)	(16.8)	(2.6)	(1.2)	(1.3)	(0.1)	(0.3)	(0.0)	(73.7)	(1.4)	(2.6)	(100.0)	
			15/12-hrs Ratio	-	1.23	1.18	1.18	1.10	1.24	1.14	#DIV/0!	1.32	1.35	1.19	1.29
		West-bound	Daytime 12 hrs Traffic	vehicle	3,767	249	335	625	24	216	52	19,234	259	437	25,198
			Share by Vehicle Type (%)	(14.9)	(1.0)	(1.3)	(2.5)	(0.1)	(0.9)	(0.2)	(76.3)	(1.0)	(1.7)	(100.0)	
			15/12-hrs Ratio	-	1.30	1.01	1.13	1.14	1.71	1.11	1.00	1.28	1.30	1.27	1.27
Both	Daytime 12 hrs Traffic	vehicle	8,871	1,040	706	1,028	62	297	52	41,685	671	1,233	55,645		
	Share by Vehicle Type (%)	(15.9)	(1.9)	(1.3)	(1.8)	(0.1)	(0.5)	(0.1)	(74.9)	(1.2)	(2.2)	(100.0)			
	15/12-hrs Ratio	-	1.26	1.14	1.16	1.13	1.42	1.11	1.00	1.30	1.33	1.22	1.28		
RS-62	Sihanouk (St. #274)	East-bound	Daytime 12 hrs Traffic	vehicle	8,383	160	695	1,157	85	545	67	56,810	983	1,073	69,958
			Share by Vehicle Type (%)	(12.0)	(0.2)	(1.0)	(1.7)	(0.1)	(0.8)	(0.1)	(81.2)	(1.4)	(1.5)	(100.0)	
			15/12-hrs Ratio	-	1.36	1.11	1.17	1.15	1.05	1.12	1.01	1.12	1.14	1.16	1.15
		West-bound	Daytime 12 hrs Traffic	vehicle	5,246	184	574	1,155	78	282	40	33,373	952	927	42,811
			Share by Vehicle Type (%)	(12.3)	(0.4)	(1.3)	(2.7)	(0.2)	(0.7)	(0.1)	(78.0)	(2.2)	(2.2)	(100.0)	
			15/12-hrs Ratio	-	1.26	1.22	1.40	1.22	1.14	1.05	1.03	1.17	1.23	1.26	1.19
Both	Daytime 12 hrs Traffic	vehicle	13,629	344	1,269	2,312	163	827	107	90,183	1,935	2,000	112,769		
	Share by Vehicle Type (%)	(12.1)	(0.3)	(1.1)	(2.1)	(0.1)	(0.7)	(0.1)	(80.0)	(1.7)	(1.8)	(100.0)			
	15/12-hrs Ratio	-	1.32	1.17	1.27	1.18	1.09	1.10	1.02	1.13	1.18	1.20	1.16		
RS-71	Mao Tse Toung (St. #245)	S.E.-bound	Daytime 12 hrs Traffic	vehicle	3,643	210	405	896	104	565	301	21,774	1,146	1,440	30,484
			Share by Vehicle Type (%)	(12.0)	(0.7)	(1.3)	(2.9)	(0.3)	(1.9)	(1.0)	(71.4)	(3.8)	(4.7)	(100.0)	
			15/12-hrs Ratio	-	1.19	1.12	1.11	1.19	1.14	1.06	1.02	1.12	1.11	1.12	1.13
		N.W.-bound	Daytime 12 hrs Traffic	vehicle	3,936	516	147	818	240	672	345	19,453	277	676	27,080
			Share by Vehicle Type (%)	(14.5)	(1.9)	(0.5)	(3.0)	(0.9)	(2.5)	(1.3)	(71.8)	(1.0)	(2.5)	(100.0)	
			15/12-hrs Ratio	-	1.31	1.05	1.10	1.21	1.01	1.19	1.03	1.15	1.12	1.16	1.17
Both	Daytime 12 hrs Traffic	vehicle	7,579	726	552	1,714	344	1,237	646	41,227	1,423	2,116	57,564		
	Share by Vehicle Type (%)	(13.2)	(1.3)	(1.0)	(3.0)	(0.6)	(2.1)	(1.1)	(71.6)	(2.5)	(3.7)	(100.0)			
	15/12-hrs Ratio	-	1.25	1.07	1.11	1.20	1.05	1.13	1.03	1.14	1.11	1.13	1.15		
RS-72	Mao Tse Toung (St. #245)	South-bound	Daytime 12 hrs Traffic	vehicle	917	68	37	357	4	44	122	13,924	122	351	15,946
			Share by Vehicle Type (%)	(5.8)	(0.4)	(0.2)	(2.2)	(0.0)	(0.3)	(0.8)	(87.3)	(0.8)	(2.2)	(100.0)	
			15/12-hrs Ratio	-	1.22	1.01	1.19	1.15	1.25	1.00	1.08	1.26	1.15	1.26	1.25
		North-bound	Daytime 12 hrs Traffic	vehicle	1,441	70	140	431	131	26	81	8,159	59	317	10,855
			Share by Vehicle Type (%)	(13.3)	(0.6)	(1.3)	(4.0)	(1.2)	(0.2)	(0.7)	(75.2)	(0.5)	(2.9)	(100.0)	
			15/12-hrs Ratio	-	1.11	1.03	1.08	1.14	1.13	1.15	1.07	1.12	1.14	1.07	1.12
Both	Daytime 12 hrs Traffic	vehicle	2,358	138	177	788	135	70	203	22,083	181	668	26,801		
	Share by Vehicle Type (%)	(8.8)	(0.5)	(0.7)	(2.9)	(0.5)	(0.3)	(0.8)	(82.4)	(0.7)	(2.5)	(100.0)			
	15/12-hrs Ratio	-	1.15	1.02	1.10	1.15	1.13	1.06	1.08	1.21	1.14	1.17	1.20		
RS-73	Kim II Song (St. #289)	South-bound	Daytime 12 hrs Traffic	vehicle	4,461	81	804	4,681	34	42	111	43,717	255	1,937	56,123
			Share by Vehicle Type (%)	(7.9)	(0.1)	(1.4)	(8.3)	(0.1)	(0.1)	(0.2)	(77.9)	(0.5)	(3.5)	(100.0)	
			15/12-hrs Ratio	-	1.11	1.06	1.03	1.14	1.18	1.10	1.22	1.10	1.05	1.05	1.10
		North-bound	Daytime 12 hrs Traffic	vehicle	5,781	50	427	6,108	5	203	45	27,543	263	1,620	42,045
			Share by Vehicle Type (%)	(13.7)	(0.1)	(1.0)	(14.5)	(0.0)	(0.5)	(0.1)	(65.5)	(0.6)	(3.9)	(100.0)	
			15/12-hrs Ratio	-	1.22	1.08	1.17	1.14	1.00	1.15	1.02	1.13	1.12	1.13	1.14
Both	Daytime 12 hrs Traffic	vehicle	10,242	131	1,231	10,789	39	245	156	71,260	518	3,557	98,168		
	Share by Vehicle Type (%)	(10.4)	(0.1)	(1.3)	(11.0)	(0.0)	(0.2)	(0.2)	(72.6)	(0.5)	(3.6)	(100.0)			
	15/12-hrs Ratio	-	1.18	1.07	1.08	1.14	1.15	1.14	1.16	1.11	1.08	1.09	1.12		
RS-83	Monireth (St. #217)	N.E.-bound	Daytime 12 hrs Traffic	vehicle	1,745	124	347	1,134	69	498	208	25,935	347	670	31,077
			Share by Vehicle Type (%)	(5.6)	(0.4)	(1.1)	(3.6)	(0.2)	(1.6)	(0.7)	(83.5)	(1.1)	(2.2)	(100.0)	
			15/12-hrs Ratio	-	1.19	1.05	1.13	1.11	1.54	1.22	1.23	1.12	1.11	1.08	1.12
		S.W.-bound	Daytime 12 hrs Traffic	vehicle	2,499	856	561	914	72	486	142	27,565	524	1,135	34,754
			Share by Vehicle Type (%)	(7.2)	(2.5)	(1.6)	(2.6)	(0.2)	(1.4)	(0.4)	(79.3)	(1.5)	(3.3)	(100.0)	
			15/12-hrs Ratio	-	1.51	1.25	1.27	1.26	1.22	1.12	1.26	1.34	1.15	1.11	1.33
Both	Daytime 12 hrs Traffic	vehicle	4,244	980	908	2,048	141	984	350	53,500	871	1,805	65,831		
	Share by Vehicle Type (%)	(6.4)	(1.5)	(1.4)	(3.1)	(0.2)	(1.5)	(0.5)	(81.3)	(1.3)	(2.7)	(100.0)			
	15/12-hrs Ratio	-	1.38	1.22	1.21	1.18	1.38	1.17	1.24	1.23	1.13	1.09	1.23		

Table A4.5.1(b) Results of Roadside Traffic Volume Survey at 15-hrs Stations (2)

Station No.	Street	Direction	Item	unit	Vehicle Type										Total
					1. Passenger Cars	2. Taxi	3. Light Bus / Pass. Van	4. Pick-up / Cargo Van	5. Large Bus	6. Truck / Trailer	7. Motorumo	8. Motoped / Motorbike	9. Cyclo	0. Bicycle	
RS-84	Confederation de la Russie (St. #110)	East-bound	Daytime 12 hrs Traffic	vehicle	2,840	240	365	762	21	323	34	17,350	17	685	22,637
			Share by Vehicle Type (%)	(12.5)	(1.1)	(1.6)	(3.4)	(0.1)	(1.4)	(0.2)	(76.6)	(0.1)	(3.0)	(100.0)	
			15/12-hrs Ratio	-	1.22	1.18	1.22	1.16	1.14	1.11	1.12	1.13	1.12	1.14	1.14
		West-bound	Daytime 12 hrs Traffic	vehicle	3,698	227	403	532	27	205	23	20,254	32	877	26,278
			Share by Vehicle Type (%)	(14.1)	(0.9)	(1.5)	(2.0)	(0.1)	(0.8)	(0.1)	(77.1)	(0.1)	(3.3)	(100.0)	
			15/12-hrs Ratio	-	1.14	1.08	1.15	1.13	1.00	1.13	1.09	1.13	1.25	1.12	1.13
Both	Daytime 12 hrs Traffic	vehicle	6,538	467	768	1,294	48	528	57	37,604	49	1,562	48,915		
	Share by Vehicle Type (%)	(13.4)	(1.0)	(1.6)	(2.6)	(0.1)	(1.1)	(0.1)	(76.9)	(0.1)	(3.2)	(100.0)			
	15/12-hrs Ratio	-	1.18	1.13	1.18	1.14	1.06	1.12	1.11	1.13	1.20	1.13	1.14		
RS-87	Street #163	North-bound	Daytime 12 hrs Traffic	vehicle	624	8	72	278	1	27	125	9,947	108	1,244	12,434
			Share by Vehicle Type (%)	(5.0)	(0.1)	(0.6)	(2.2)	(0.0)	(0.2)	(1.0)	(80.0)	(0.9)	(10.0)	(100.0)	
			15/12-hrs Ratio	-	1.19	1.00	1.10	1.09	1.00	1.11	1.06	1.11	1.03	1.06	1.11
		South-bound	Daytime 12 hrs Traffic	vehicle	438	16	98	404	-	29	71	9,188	94	1,084	11,422
			Share by Vehicle Type (%)	(3.8)	(0.1)	(0.9)	(3.5)	(0.0)	(0.3)	(0.6)	(80.4)	(0.8)	(9.5)	(100.0)	
			15/12-hrs Ratio	-	1.35	1.19	1.08	1.11	#DIV/0!	1.24	1.01	1.18	1.36	1.19	1.19
Both	Daytime 12 hrs Traffic	vehicle	1,062	24	170	682	1	56	196	19,135	202	2,328	23,856		
	Share by Vehicle Type (%)	(4.5)	(0.1)	(0.7)	(2.9)	(0.0)	(0.2)	(0.8)	(80.2)	(0.8)	(9.8)	(100.0)			
	15/12-hrs Ratio	-	1.25	1.13	1.09	1.10	1.00	1.18	1.04	1.14	1.18	1.12	1.14		
RS-88	Street #182	East-bound	Daytime 12 hrs Traffic	vehicle	2,844	1,204	155	4,535	168	109	102	31,029	424	878	41,448
			Share by Vehicle Type (%)	(6.9)	(2.9)	(0.4)	(10.9)	(0.4)	(0.3)	(0.2)	(74.9)	(1.0)	(2.1)	(100.0)	
			15/12-hrs Ratio	-	1.24	1.38	1.34	1.20	1.18	1.10	1.27	1.20	1.08	1.15	1.21
		West-bound	Daytime 12 hrs Traffic	vehicle	3,839	924	429	1,915	214	106	186	35,252	574	1,249	44,688
			Share by Vehicle Type (%)	(8.6)	(2.1)	(1.0)	(4.3)	(0.5)	(0.2)	(0.4)	(78.9)	(1.3)	(2.8)	(100.0)	
			15/12-hrs Ratio	-	1.22	1.07	1.22	1.10	1.17	1.14	1.09	1.15	1.05	1.14	1.15
Both	Daytime 12 hrs Traffic	vehicle	6,683	2,128	584	6,450	382	215	288	66,281	998	2,127	86,136		
	Share by Vehicle Type (%)	(7.8)	(2.5)	(0.7)	(7.5)	(0.4)	(0.2)	(0.3)	(76.9)	(1.2)	(2.5)	(100.0)			
	15/12-hrs Ratio	-	1.23	1.25	1.25	1.17	1.17	1.12	1.16	1.17	1.06	1.14	1.18		
RS-89	Kamphoea Krom (St. #128)	East-bound	Daytime 12 hrs Traffic	vehicle	3,312	354	200	3,693	34	194	259	16,948	156	882	26,032
			Share by Vehicle Type (%)	(12.7)	(1.4)	(0.8)	(14.2)	(0.1)	(0.7)	(1.0)	(65.1)	(0.6)	(3.4)	(100.0)	
			15/12-hrs Ratio	-	1.13	1.04	1.14	1.13	1.29	1.12	1.02	1.14	1.15	1.18	1.14
		West-bound	Daytime 12 hrs Traffic	vehicle	4,067	296	13	1,554	31	260	199	21,251	179	1,321	29,171
			Share by Vehicle Type (%)	(13.9)	(1.0)	(0.0)	(5.3)	(0.1)	(0.9)	(0.7)	(72.8)	(0.6)	(4.5)	(100.0)	
			15/12-hrs Ratio	-	1.14	1.05	1.00	1.14	1.26	1.12	1.04	1.12	1.08	1.04	1.12
Both	Daytime 12 hrs Traffic	vehicle	7,379	650	213	5,247	65	454	458	38,199	335	2,203	55,203		
	Share by Vehicle Type (%)	(13.4)	(1.2)	(0.4)	(9.5)	(0.1)	(0.8)	(0.8)	(69.2)	(0.6)	(4.0)	(100.0)			
	15/12-hrs Ratio	-	1.13	1.04	1.13	1.13	1.28	1.12	1.03	1.13	1.11	1.10	1.13		
RS-91	Inner Ring Road (St. #271)	East-bound	Daytime 12 hrs Traffic	vehicle	310	15	75	407	-	167	178	6,245	7	396	7,800
			Share by Vehicle Type (%)	(4.0)	(0.2)	(1.0)	(5.2)	(0.0)	(2.1)	(2.3)	(80.1)	(0.1)	(5.1)	(100.0)	
			15/12-hrs Ratio	-	1.09	1.00	1.04	1.05	#DIV/0!	1.13	1.03	1.12	1.14	1.14	1.11
		West-bound	Daytime 12 hrs Traffic	vehicle	230	2	39	196	-	139	164	5,940	11	362	7,083
			Share by Vehicle Type (%)	(3.2)	(0.0)	(0.6)	(2.8)	(0.0)	(2.0)	(2.3)	(83.9)	(0.2)	(5.1)	(100.0)	
			15/12-hrs Ratio	-	1.29	1.50	1.13	1.26	#DIV/0!	1.09	1.02	1.11	1.09	1.08	1.12
Both	Daytime 12 hrs Traffic	vehicle	540	17	114	603	-	306	342	12,185	18	758	14,883		
	Share by Vehicle Type (%)	(3.6)	(0.1)	(0.8)	(4.1)	(0.0)	(2.1)	(2.3)	(81.9)	(0.1)	(5.1)	(100.0)			
	15/12-hrs Ratio	-	1.18	1.06	1.07	1.11	#DIV/0!	1.11	1.03	1.11	1.11	1.11	1.11		
RS-92	Inner Ring Road (St. #271)	S.E.-bound	Daytime 12 hrs Traffic	vehicle	421	66	57	303	-	99	46	1,723	90	352	3,157
			Share by Vehicle Type (%)	(13.3)	(2.1)	(1.8)	(9.6)	(0.0)	(3.1)	(1.5)	(54.6)	(2.9)	(11.1)	(100.0)	
			15/12-hrs Ratio	-	1.15	1.05	1.07	1.11	#DIV/0!	1.17	1.02	1.11	1.01	1.12	1.11
		N.W.-bound	Daytime 12 hrs Traffic	vehicle	166	49	6	112	1	128	74	2,712	12	287	3,547
			Share by Vehicle Type (%)	(4.7)	(1.4)	(0.2)	(3.2)	(0.0)	(3.6)	(2.1)	(76.5)	(0.3)	(8.1)	(100.0)	
			15/12-hrs Ratio	-	1.10	1.08	1.00	1.13	1.00	1.07	1.08	1.07	1.00	1.07	1.07
Both	Daytime 12 hrs Traffic	vehicle	587	115	63	415	1	227	120	4,435	102	639	6,704		
	Share by Vehicle Type (%)	(8.8)	(1.7)	(0.9)	(6.2)	(0.0)	(3.4)	(1.8)	(66.2)	(1.5)	(9.5)	(100.0)			
	15/12-hrs Ratio	-	1.13	1.06	1.06	1.11	1.00	1.11	1.06	1.09	1.01	1.09	1.09		
RS-93	Inner Ring Road (St. #271)	S.E.-bound	Daytime 12 hrs Traffic	vehicle	213	18	99	170	24	165	39	2,700	13	461	3,902
			Share by Vehicle Type (%)	(5.5)	(0.5)	(2.5)	(4.4)	(0.6)	(4.2)	(1.0)	(69.2)	(0.3)	(11.8)	(100.0)	
			15/12-hrs Ratio	-	1.16	1.06	1.05	1.08	1.15	1.10	1.13	1.00	1.13	1.13	1.13
		N.W.-bound	Daytime 12 hrs Traffic	vehicle	400	75	129	167	43	174	43	2,375	40	472	3,918
			Share by Vehicle Type (%)	(10.2)	(1.9)	(3.3)	(4.3)	(1.1)	(4.4)	(1.1)	(60.6)	(1.0)	(12.0)	(100.0)	
			15/12-hrs Ratio	-	1.15	1.16	1.05	1.13	1.05	1.14	1.09	1.19	1.25	1.18	1.17
Both	Daytime 12 hrs Traffic	vehicle	613	93	228	337	67	339	82	5,075	53	933	7,820		
	Share by Vehicle Type (%)	(7.8)	(1.2)	(2.9)	(4.3)	(0.9)	(4.3)	(1.0)	(64.9)	(0.7)	(11.9)	(100.0)			
	15/12-hrs Ratio	-	1.15	1.14	1.05	1.10	1.03	1.15	1.10	1.16	1.19	1.15	1.15		
RS-94	Inner Ring Road (St. #271)	South-bound	Daytime 12 hrs Traffic	vehicle	610	29	81	284	-	78	69	6,390	-	803	8,359
			Share by Vehicle Type (%)	(7.3)	(0.3)	(1.0)	(3.4)	(0.0)	(0.9)	(0.8)	(76.4)	(0.2)	(9.6)	(100.0)	
			15/12-hrs Ratio	-	1.17	1.10	1.09	1.12	#DIV/0!	1.23	1.12	1.10	1.20	1.05	1.10
		North-bound	Daytime 12 hrs Traffic	vehicle	527	12	41	181	-	69	100	6,140	13	725	7,808
			Share by Vehicle Type (%)	(6.7)	(0.2)	(0.5)	(2.3)	(0.0)	(0.9)	(1.3)	(78.6)	(0.2)	(9.3)	(100.0)	
			15/12-hrs Ratio	-	1.21	1.17	1.32	1.17	#DIV/0!	1.23	1.08	1.14	1.23	1.11	1.15
Both	Daytime 12 hrs Traffic	vehicle	1,137	41	122	465	-	147	169	12,530	28	1,528	16,167		
	Share by Vehicle Type (%)	(7.0)	(0.3)	(0.8)	(2.9)	(0.0)	(0.9)	(1.0)	(77.5)	(0.2)	(9.5)	(100.0)			
	15/12-hrs Ratio	-	1.19	1.12	1.16	1.14	#DIV/0!	1.23	1.09	1.12	1.21	1.08	1.12		